

Cleaved-Notch 2 (D1733) Polyclonal Antibody
Catalog # AP63144**Specification****Cleaved-Notch 2 (D1733) Polyclonal Antibody - Product Information**

Application	IF
Primary Accession	Q04721
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Cleaved-Notch 2 (D1733) Polyclonal Antibody - Additional Information**Gene ID** 4853**Other Names**

NOTCH2; Neurogenic locus notch homolog protein 2; Notch 2; hN2

Dilution

IF~IF: 1:50-200 Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Cleaved-Notch 2 (D1733) Polyclonal Antibody - Protein Information**Name** NOTCH2 ([HGNC:7882](#))**Function**

Functions as a receptor for membrane-bound ligands Jagged-1 (JAG1), Jagged-2 (JAG2) and Delta-1 (DLL1) to regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus (PubMed:21378985, PubMed:21378989). Affects the implementation of differentiation, proliferation and apoptotic programs (By similarity). Involved in bone remodeling and homeostasis. In collaboration with RELA/p65 enhances NFATc1 promoter activity and positively regulates RANKL-induced osteoclast differentiation (PubMed:29149593). Positively regulates self-renewal of liver cancer cells (PubMed:25985737).

Cellular Location

[Notch 2 extracellular truncation]: Cell membrane; Single-pass type I membrane protein

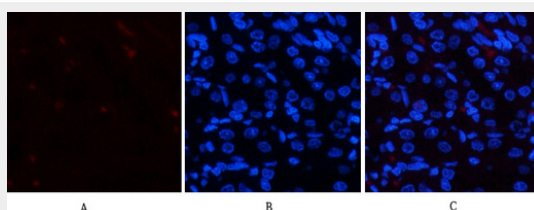
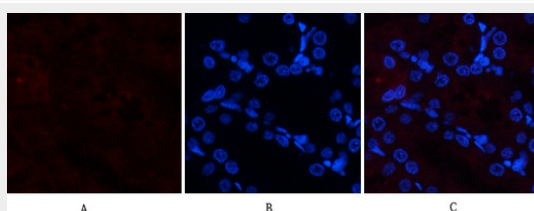
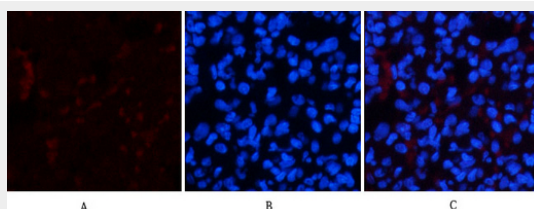
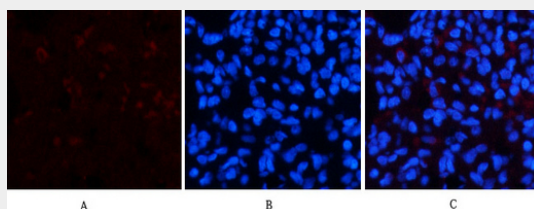
Tissue Location

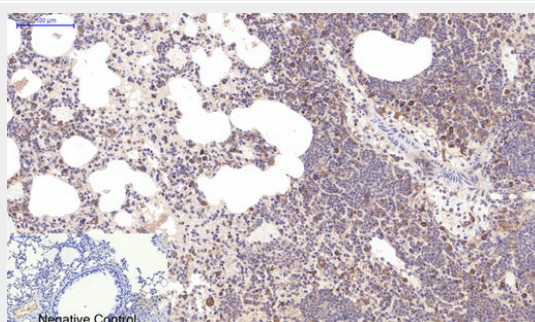
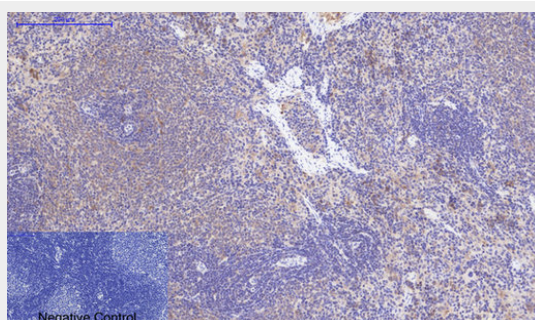
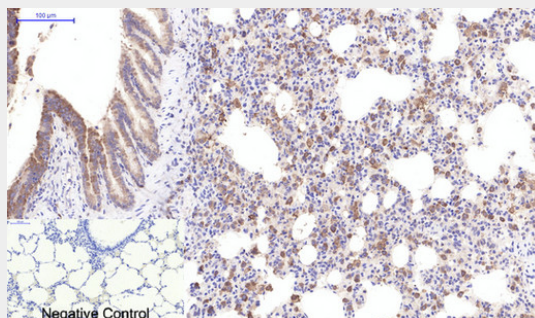
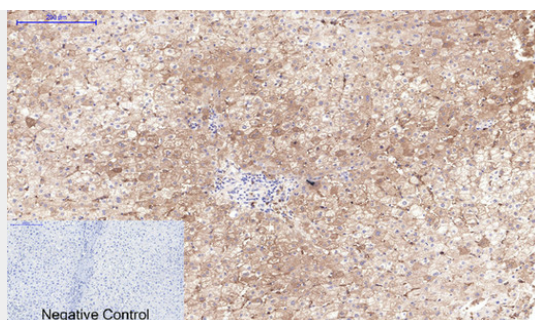
Expressed in the brain, heart, kidney, lung, skeletal muscle and liver. Ubiquitously expressed in the embryo

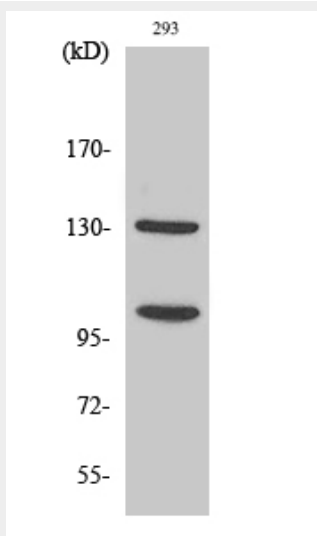
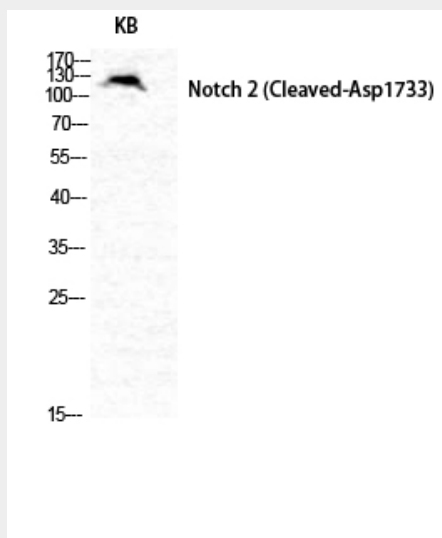
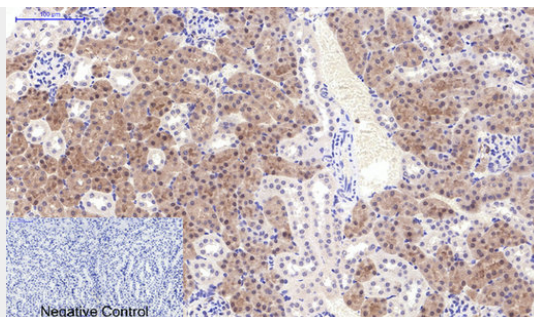
Cleaved-Notch 2 (D1733) Polyclonal Antibody - Protocols

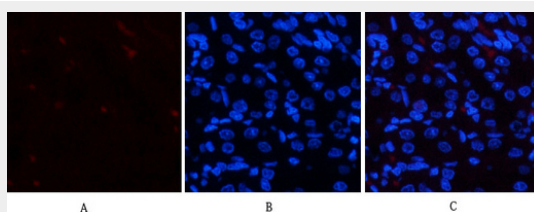
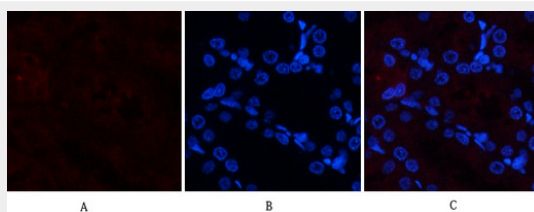
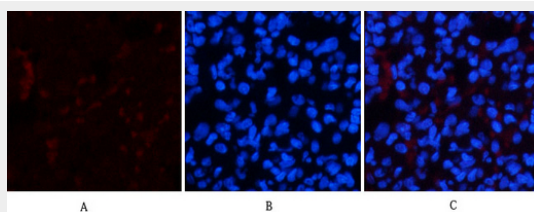
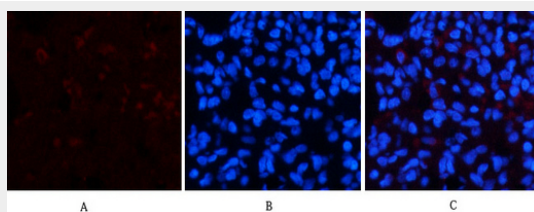
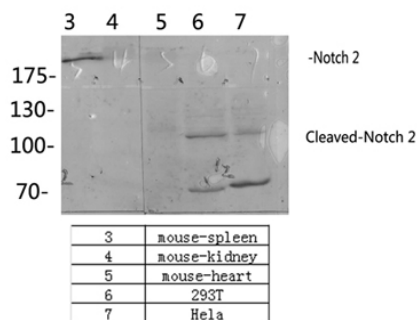
Provided below are standard protocols that you may find useful for product applications.

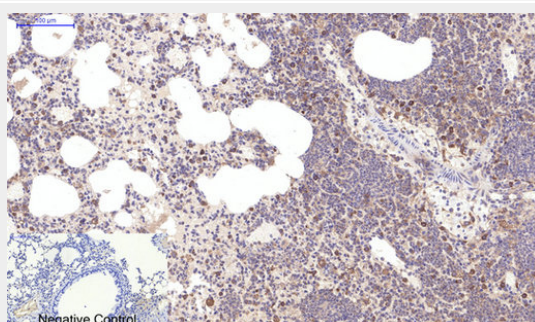
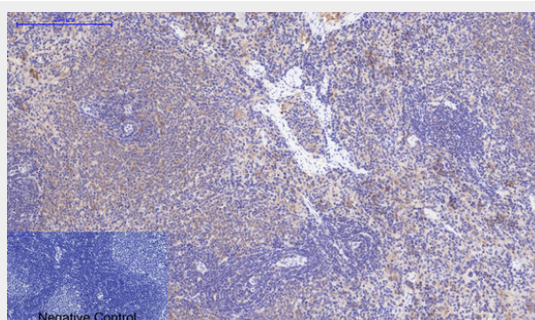
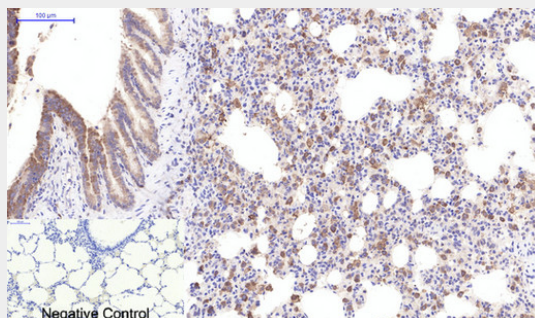
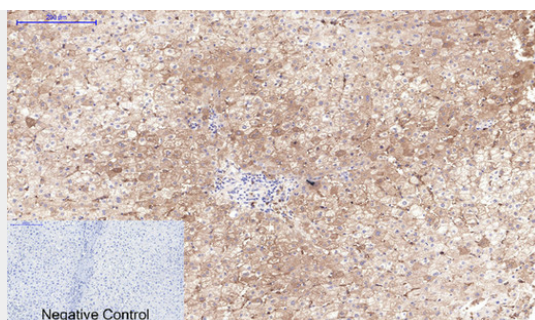
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

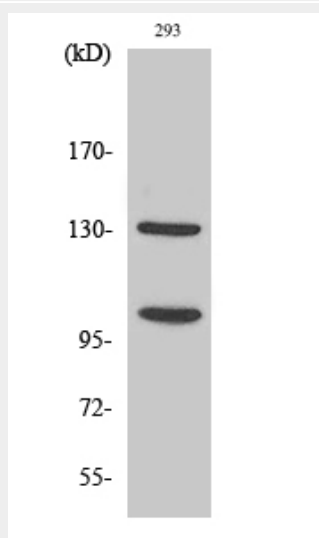
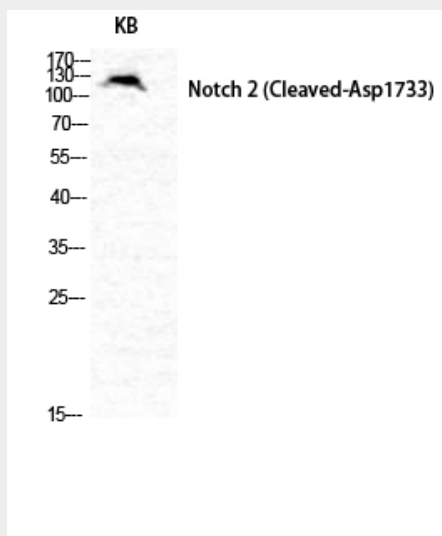
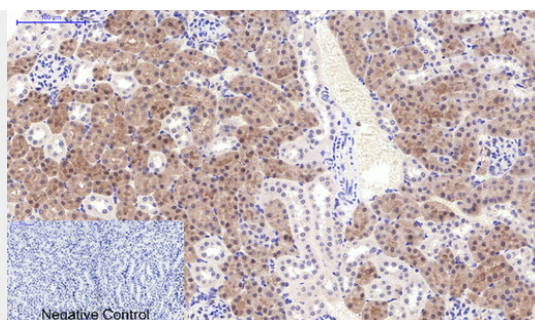
Cleaved-Notch 2 (D1733) Polyclonal Antibody - Images

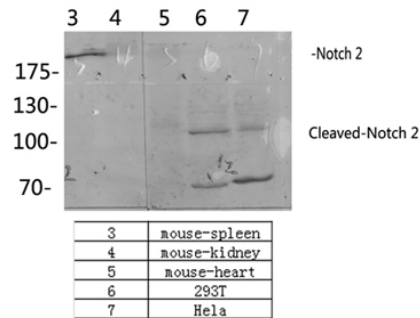












Cleaved-Notch 2 (D1733) Polyclonal Antibody - Background

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