

NICE4 Polyclonal Antibody
Catalog # AP71308**Specification**

NICE4 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q14157
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

NICE4 Polyclonal Antibody - Additional Information**Gene ID** 9898**Other Names**

UBAP2L; KIAA0144; NICE4; Ubiquitin-associated protein 2-like; Protein NICE-4

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. 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

NICE4 Polyclonal Antibody - Protein Information**Name** UBAP2L ([HGNC:29877](#))**Synonyms** KIAA0144, NICE4**Function**

Recruits the ubiquitination machinery to RNA polymerase II for polyubiquitination, removal and degradation, when the transcription-coupled nucleotide excision repair (TC-NER) machinery fails to resolve DNA damage (PubMed:[35633597](http://www.uniprot.org/citations/35633597)). Plays an important role in the activity of long-term repopulating hematopoietic stem cells (LT- HSCs) (By similarity). Is a regulator of stress granule assembly, required for their efficient formation (PubMed:[29395067](http://www.uniprot.org/citations/29395067), PubMed:[35977029](http://www.uniprot.org/citations/35977029)). Required for proper brain development and neocortex lamination (By similarity).

Cellular Location

Nucleus. Chromosome. Cytoplasm Cytoplasm, Stress granule Note=Associates with nuclear chromatin.

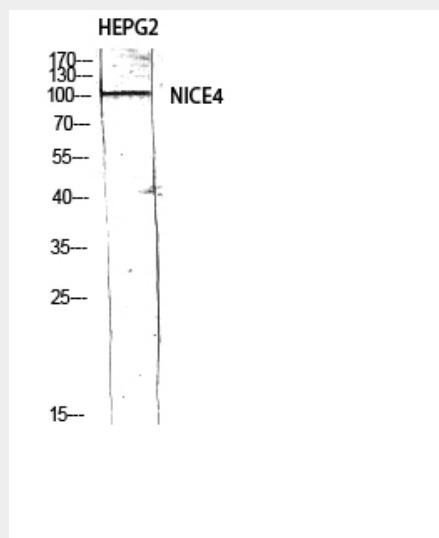
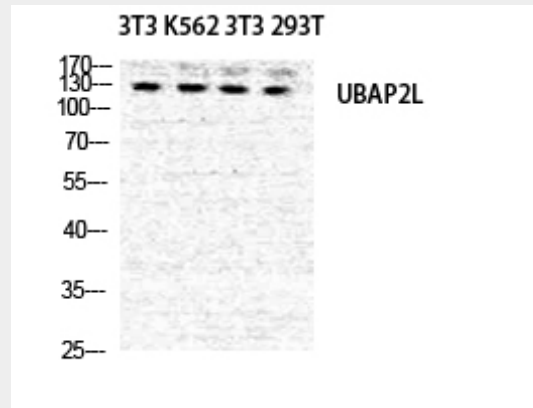
Tissue Location

Ubiquitous..

NICE4 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](#)

NICE4 Polyclonal Antibody - Images**NICE4 Polyclonal Antibody - Background**

Plays an important role in the activity of long-term repopulating hematopoietic stem cells (LT-HSCs).