

Goat Anti-XAB2 / HCNP Antibody
Peptide-affinity purified goat antibody
Catalog # AF2163a

Specification

Goat Anti-XAB2 / HCNP Antibody - Product Information

| | |
|-------------------|---|
| Application | WB, IHC, E |
| Primary Accession | O9HCS7 |
| Other Accession | NP_064581 , 56949 |
| Reactivity | Human |
| Predicted | Mouse, Rat, Dog |
| Host | Goat |
| Clonality | Polyclonal |
| Concentration | 100ug/200ul |
| Isotype | IgG |
| Calculated MW | 100010 |

Goat Anti-XAB2 / HCNP Antibody - Additional Information

Gene ID 56949

Other Names

Pre-mRNA-splicing factor SYF1, Protein HCNP, XPA-binding protein 2, XAB2, HCNP, KIAA1177, SYF1

Dilution

WB~~1:1000
IHC~~1:100~500
E~~N/A

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-XAB2 / HCNP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-XAB2 / HCNP Antibody - Protein Information

Name XAB2

Synonyms HCNP, KIAA1177, SYF1

Function

Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11991638, PubMed:28076346, PubMed:28502770). Involved in transcription-coupled repair (TCR), transcription and pre-mRNA splicing (PubMed:10944529, PubMed:17981804).

Cellular Location

Nucleus. Note=Detected in the splicing complex carrying pre-mRNA.
{ECO:0000250|UniProtKB:Q99PK0}

Goat Anti-XAB2 / HCNP Antibody - Protocols

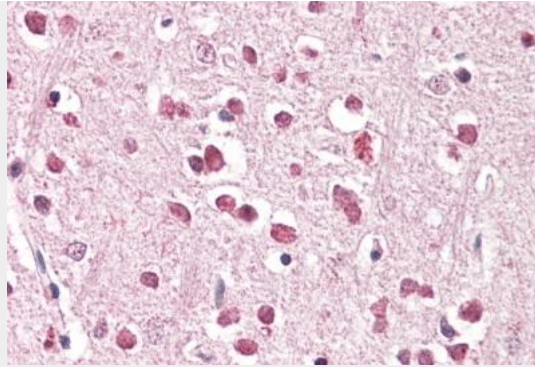
Provided below are standard protocols that you may find useful for product applications.

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

Goat Anti-XAB2 / HCNP Antibody - Images



AF2163a staining (0.3 µg/ml) of A431 lysate (RIPA buffer, 35 µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



AF2163a (3.8 µg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Goat Anti-XAB2 / HCNP Antibody - References

- Variation within DNA repair pathway genes and risk of multiple sclerosis. Briggs FB, et al. *Am J Epidemiol*, 2010 Jul 15. PMID 20522537.
- Isolation of XAB2 complex involved in pre-mRNA splicing, transcription, and transcription-coupled repair. Kuraoka I, et al. *J Biol Chem*, 2008 Jan 11. PMID 17981804.
- Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. *Nature*, 2005 Oct 20. PMID 16189514.
- Large-scale cDNA transfection screening for genes related to cancer development and progression. Wan D, et al. *Proc Natl Acad Sci U S A*, 2004 Nov 2. PMID 15498874.
- The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. *Genome Res*, 2004 Oct. PMID 15489334.