

XAB2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58372**Specification**

XAB2 Polyclonal Antibody - Product Information

| | |
|--------------------------------|--|
| Application | WB, IHC-P, IHC-F, IF, E |
| Primary Accession | Q9HCS7 |
| Reactivity | Rat, Pig, Dog, Bovine |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 100 KDa |
| Physical State | Liquid |
| Immunogen | KLH conjugated synthetic peptide derived from human PBP/HCNP |
| Epitope Specificity | 65-160/855 |
| Isotype | IgG |
| Purity | |
| affinity purified by Protein A | |
| Buffer | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| SUBCELLULAR LOCATION | Nucleus (By similarity). Note=Detected in the splicing complex carrying pre-mRNA (By similarity). |
| SIMILARITY | Belongs to the crooked-neck family.Contains 14 HAT repeats. |
| SUBUNIT | Associates with RNA polymerase II, the TCR-specific proteins CKN1/CSA and ERCC6/CSB, and XPA. Identified in the spliceosome C complex. |
| Important Note | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |

Background Descriptions

XAB2 protein (XPA binding protein 2) was first identified through its interaction with XPA, a key factor in nucleotide excision repair pathways. XAB2 therefore appears to be involved in transcription coupled DNA repair and transcription. Immunoprecipitation experiments have also demonstrated that a fraction of XAB2 interacts with the transcription coupled repair specific proteins CSA and CSB as well as with RNA polymerase II. Microinjection experiments with XAB2 antibodies resulted in the inhibition of both transcription coupled repair and transcription.

XAB2 Polyclonal 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<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

XAB2 Polyclonal 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}

XAB2 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](#)

XAB2 Polyclonal Antibody - Images