

Rabbit XAB2 Polyclonal Antibody | anti-XAB2 antibody

XAB2 Antibody

CATALOG # AAA309318	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

XAB2; Polyclonal Antibody; XAB2 Antibody; HCNP; HCRN; SYF1; NTC90; anti-XAB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total XAB2 protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.7mg/ml (varies by lot)
Sequence Length	855
Applicable Applications for anti-XAB2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human XAB2
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

IMAGES



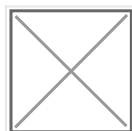
IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using XAB2 Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using XAB2 Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



SDS-PAGE

Gel: 6%SDS-PAGE Lysate: 40 ug, Lane 1-6: A431,K562,Hela,HEPG2,PC3 and 293T cell lysates, Primary antibody:XAB2 antibody at dilution 1/250, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 second

ADDITIONAL INFORMATION

Related Product Information for anti-XAB2 antibody	HCNP, also known as XAB2 (Xeroderma pigmentosum group A (XPA) binding protein 2), HCRN, SYF1 or NTC90, is a nuclear protein that participates in transcription, transcription-coupled repair (TCR) and pre-mRNA splicing. It contains fifteen tetratricopeptide repeat motifs and associates with nucleotide excision repair machinery. More specifically, HCNP associates with Cockayne syndrome group A and B proteins (CSA and CSB), RNA Polymerase II (Pol II) and XPA in response to DNA damage and is believed to function in the TCR pathway. HCNP also functions as an essential component of a pre-mRNA splicing complex of the spliceosome (composed of AQR (aquarius), PRP19, CCDC16, HCNP, ISY1 and Cyclophilin E) and is required for proper RNA synthesis in the cell. In addition, HCNP functions as a component of the RAR corepressor complex with RAR α and HDAC3 and exhibits an inhibitory effect on ATRA-induced cell differentiation. This suggests that HCNP may function as useful target in cancer therapy.
Product Categories/Family for anti-XAB2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	55770906
NCBI GeneID	56949
NCBI Accession #	NP_064581.2
NCBI GenBank Nucleotide #	NM_020196.2
UniProt Accession #	Q9HCS7; Q8TET6; Q96HB0; Q96IW0; Q9NRG6; Q9ULP3
Molecular Weight	100,010 Da
NCBI Official Full Name	pre-mRNA-splicing factor SYF1
NCBI Official Synonym Full Names	XPA binding protein 2
NCBI Official Symbol	XAB2
NCBI Official Synonym Symbols	HCNP; HCRN; SYF1; NTC90
NCBI Protein Information	pre-mRNA-splicing factor SYF1
UniProt Protein Name	Pre-mRNA-splicing factor SYF1
UniProt Gene Name	XAB2
UniProt Synonym Gene Names	HCNP; KIAA1177; SYF1
UniProt Entry Name	SYF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/xab2-antibody-western-blot-immunohistochemistry-elisa/309318>