

Rabbit XAB2 Polyclonal Antibody | anti-XAB2 antibody

XAB2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176920	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

XAB2; Polyclonal Antibody; XAB2 Polyclonal Antibody; 0610041O14Rik; Adapter protein ATH 55; Adapter protein ATH-55; Ath55; AV025587; Crn related protein kim1; Crn-related protein kim1; DKFZp762C1015; HCNP; HCNP protein; HCRN; KIAA1177; NTC90; PP3898; Pre-mRNA-splicing factor SYF1; Protein HCNP; RNA splicing factor; SYF1; SYF1 homolog; SYF1 pre mRNA splicing factor; Xab2; XPA binding protein 2; XPA-binding protein 2; anti-XAB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.4mg/mL (varies by lot)
Sequence Length	855
Applicable Applications for anti-XAB2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human XAB2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



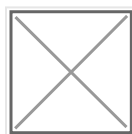
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using XAB2 Polyclonal Antibody at dilution of 1:25(×200)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using XAB2 Polyclonal Antibody at dilution of 1:25(×200)



WB (Western Blot)

Western blot analysis of 293T cell lysates using XAB2 Polyclonal Antibody at dilution of 1:250

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 RARα 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	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	25091548
NCBI GeneID	56949
UniProt Accession #	Q9HCS7
Molecular Weight	100 kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/xab2-antibody-immunohistochemistry-western-blot-elisa/176920>