

Rabbit XAB2 Polyclonal Antibody | anti-XAB2 antibody

XAB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328756	Rabbit	Human, Mouse, MonkeyPredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus	Western Blot

PRODUCT SYNONYMS

XAB2; Polyclonal Antibody; XAB2 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; SYF1_HUMAN; Xab2; XPA binding protein 2; XPA-binding protein 2; anti-XAB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Monkey Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	XAB2 Antibody detects endogenous levels of XAB2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	855
Applicable Applications for anti-XAB2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human XAB2.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from various samples, using XAB2 Antibody. Lane 1: 3T3, treated with blocking peptide; Lane 2: 3T3; Lane 3: Mouse spleen; Lane 4: COS7; Lane 5: Colo205.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using XAB2 Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)

staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibody

ADDITIONAL INFORMATION

Related Product Information for anti-XAB2 antibody	Description: Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11991638, PubMed:28502770, PubMed:28076346). Involved in transcription-coupled repair (TCR), transcription and pre-mRNA splicing (PubMed:10944529, PubMed:17981804). Subunit Structure: Associates with RNA polymerase II, the TCR-specific proteins CKN1/CSA and ERCC6/CSB, and XPA (PubMed:10944529). Identified in the spliceosome C complex (PubMed:11991638, PubMed:28502770, PubMed:28076346). Component of the XAB2 complex, a multimeric protein complex composed of XAB2, PRPF19, AQR, ZNF830, ISY1, and PPIE (PubMed:17981804). Identified in a pentameric intron-binding (IB) complex composed of AQR, XAB2, ISY1, ZNF830 and PPIE that is incorporated into the spliceosome as a preassembled complex (PubMed:25599396). The IB complex does not contain PRPF19 (PubMed:25599396). Similarity: Belongs to the crooked-neck family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25091548
NCBI GeneID	56949
UniProt Accession #	Q9HCS7
Molecular Weight	Observed: 100 kDa Predicted: 101 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.