

Rabbit KHDC1 Polyclonal Antibody | anti-KHDC1 antibody

KHDC1 Antibody

CATALOG # AAA40757	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

KHDC1; Polyclonal Antibody; KHDC1 Antibody; NDG1; C6orf148; bA257K9.4; KH homology domain-containing protein 1; KH homology domain containing 1; anti-KHDC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	KHDC1 antibody is human, mouse and rat reactive. At least three isoforms of KHDC1 are known to exist; this antibody will only detect the longest isoform.
Purity/Purification	KHDC1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	164
Applicable Applications for anti-KHDC1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	KHDC1 antibody was raised against a 15 amino acid peptide near the amino terminus of human KHDC1.
Buffer	KHDC1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	KHDC1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of KHDC1 in human liver tissue with KHDC1 antibody at 5 μg/mL.



WB (Western Blot)

Western blot analysis of KHDC1 in rat liver tissue lysate with KHDC1 antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-KHDC1 antibody	KHDC1 Antibody: KHDC1 family members are K-homology (KH) domain-containing RNA binding proteins that are involved in various aspects of RNA metabolism, ranging from transcription to RNA splicing, transportation, translation, and stability (1). KHDC1 is highly expressed in oocytes and interacts with cytoplasmic polyadenylation element-binding protein 1 (CPEB1), a key translational regulator controlling the polyA length of mRNAs (2,3). KHDC1 functions as a global translational repressor and induces apoptosis through an ER-dependent signaling pathway and that the C-terminal putative trans-membrane motif (TMM) is critical for its activities (3,4).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117956389
NCBI GeneID	80759
NCBI Accession #	NP_085045
NCBI GenBank Nucleotide #	NM_030568.4
UniProt Accession #	Q4VXA5; Q5JSQ7; Q8WTV2; Q96NQ5
Molecular Weight	Predicted: 18 kDa Observed: 26 kDa
NCBI Official Full Name	KH homology domain-containing protein 1 isoform 2
NCBI Official Synonym Full Names	KH homology domain containing 1
NCBI Official Symbol	KHDC1
NCBI Official Synonym Symbols	NDG1; C6orf147; C6orf148; bA257K9.4; Em:AC019205.8
NCBI Protein Information	KH homology domain-containing protein 1
UniProt Protein Name	KH homology domain-containing protein 1
UniProt Gene Name	KHDC1
UniProt Synonym Gene Names	C6orf148
UniProt Entry Name	KHDC1_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/khdc1-antibody-immunohistochemistry-western-blot-elisa/40757>