

Rabbit EXT2 Polyclonal Antibody | anti-EXT2 antibody

EXT2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199414	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

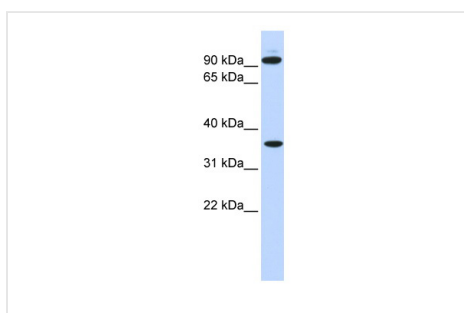
PRODUCT SYNONYMS

EXT2; Polyclonal Antibody; EXT2 antibody - N-terminal region; anti-EXT2 antibody

PRODUCT SPECIFICATIONS

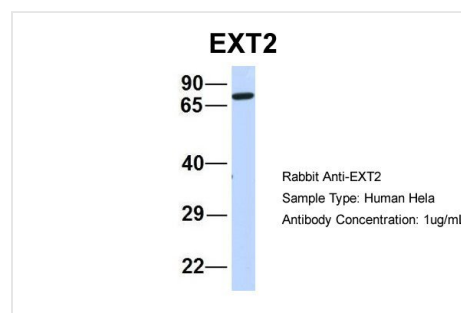
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: NE LLMAISDSY YTDDINRACL FVPSIDVLNQ NTLRIKETAQ AMAQLSRW
Sequence Length	718
Applicable Applications for anti-EXT2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 86%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 100%; Rat: 93%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human EXT2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



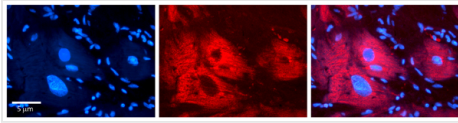
WB (Western Blot)

WB Suggested Anti-EXT2 Antibody Titration: 0.2-1 ug/mL
 Control: 721_B cell lysate



WB (Western Blot)

Host: Rabbit
 Target Name: EXT2
 Sample Type: Human HeLa
 Antibody Dilution: 1.0 ug/mL
 EXT2 is supported by BioGPS gene expression data to be expressed in HeLa



IHC (Immunohistochemistry)
 Rabbit Anti-EXT2 Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human heart
 Observed Staining: Cytoplasmic
 Primary Antibody Concentration: N/A
 Other Working Concentrations: 1:600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-EXT2 antibody	This is a rabbit polyclonal antibody against EXT2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: EXT2 is one of two glycosyltransferases involved in the chain elongation step of heparan sulfate biosynthesis. This gene encodes one of two glycosyltransferases involved in the chain elongation step of heparan sulfate biosynthesis. Mutations in this gene cause the type II form of multiple exostoses. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
Product Categories/Family for anti-EXT2 antibody	Polyclonal; Signal Proteins; Cell Cycle Proteins; Membrane Protein; Disease Related; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	296010873
NCBI GeneID	2132
NCBI Accession #	NP_000392
NCBI GenBank Nucleotide #	NM_000401
UniProt Accession #	Q93063
Molecular Weight	82kDa
NCBI Official Full Name	exostosin-2 isoform 1
NCBI Official Synonym Full Names	exostosin glycosyltransferase 2
NCBI Official Symbol	EXT2
NCBI Official Synonym Symbols	SOTV; SSMS
NCBI Protein Information	exostosin-2
UniProt Protein Name	Exostosin-2
UniProt Gene Name	EXT2
UniProt Entry Name	EXT2_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/ext2-antibody-immunohistochemistry-western-blot-elisa/199414>