# antibodies - online.com







# anti-EXT2 antibody (N-Term)



## **Images**



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Quantity:	100 μL
Target:	EXT2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Zebrafish (Danio rerio), Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human EXT2
Sequence:	NELLMAISDS DYYTDDINRA CLFVPSIDVL NQNTLRIKET AQAMAQLSRW
Predicted Reactivity:	Cow: 86%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 100%, Rat: 93%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against EXT2. It was validated on Western Blot using a cell lysate as a positive control.
	lysale as a positive control.
Purification:	Affinity Purified
Purification: Target Details	

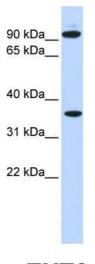
### Target Details

Alternative Name:	EXT2 (EXT2 Products)
Background:	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.
	Alias Symbols: SOTV
	Protein Interaction Partner: UBC, GSKIP, SLC22A2, CDKN1A, ANXA7, TK1, SMN1, PFDN1,
	GALNT5, TRAP1, EXT2, EXT1, CLEC2L, CRB1, HYOU1, STK16, TCEB1, SNCG, RPS29, HNF4A,
	FABP4, CNTF,
	Protein Size: 718
Molecular Weight:	82 kDa
Gene ID:	2132
NCBI Accession:	NM_000401, NP_000392
UniProt:	Q93063
Pathways:	Glycosaminoglycan Metabolic Process
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 718 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

#### Handling

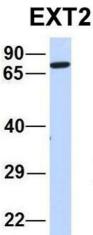
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Images**



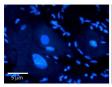
#### **Western Blotting**

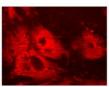
**Image 1.** WB Suggested Anti-EXT2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 721\_B cell lysate

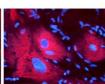


#### **Western Blotting**

Image 2. Host: Rabbit Target Name: EXT2 Sample Type: Human Hela Antibody Dilution: 1.0ug/ml EXT2 is supported by BioGPS gene expression data to be expressed in HeLa







#### **Immunohistochemistry**

**Image 3.** Rabbit Anti-EXT2 Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue 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