

For Research Use Only

EXT2 Polyclonal antibody

Catalog Number: 11348-1-AP

2 Publications



Basic Information

Catalog Number:

11348-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1748

GenBank Accession Number:

BC010058

GeneID (NCBI):

2132

UNIPROT ID:

Q93063

Full Name:

exostosin-2 (multiple) 2

Calculated MW:

718 aa, 82 kDa

Observed MW:

70-82 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:3000

IHC: 1:50-1:400

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: Jurkat cells, NIH/3T3 cells, U-937 cells, C6 cells

IHC: human colon cancer tissue,

IF/ICC: Jurkat cells,

Background Information

Exostosin-2 (EXT2) is type II transmembrane glycosyltransferase forming with EXT1 the heterodimeric heparan sulfate polymerase which catalyzes the elongation of the heparan sulfate glycan backbone (PMID: 22660413, 36402845, 36593275).

Notable Publications

Author	Pubmed ID	Journal	Application
Qian Wang	40104073	iScience	IF
Valeria De Pasquale	36696678	J Med Chem	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

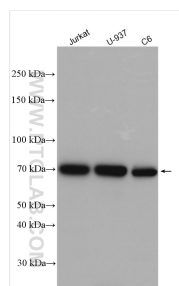
For technical support and original validation data for this product please contact:

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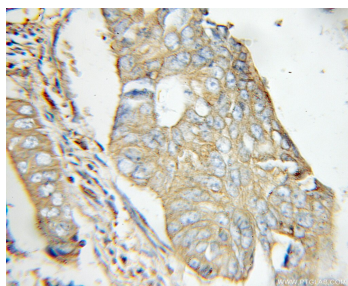
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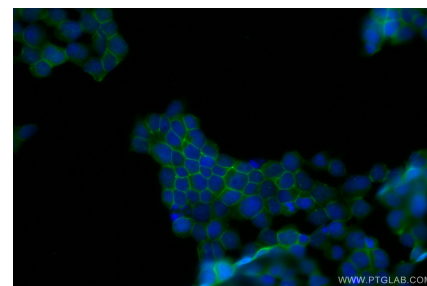
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11348-1-AP (EXT2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 11348-1-AP (EXT2 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using EXT2 antibody (11348-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).