

Product datasheet for **TA348997**

LYVE1 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.3- 1 ug/ml
Reactivity:	Human, Mouse (Expected from sequence similarity: Dog, Pig, Cow)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-MKRN1 (aa105-118) Antibody: Peptide with sequence C-RYEHSKPLKQEEAT, from the internet regoin of the protein sequence according to NP_038474.2; NP_001138597.1.
Formulation:	Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	lymphatic vessel endothelial hyaluronan receptor 1
Database Link:	NP_006682 Entrez Gene 114332 Mouse Entrez Gene 100855439 Dog Entrez Gene 10894 Human Q9Y5Y7



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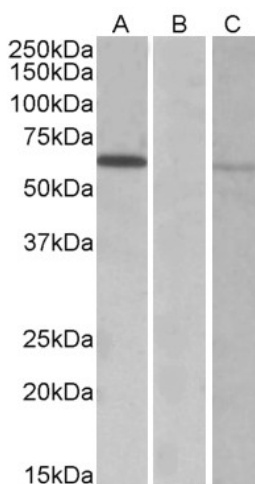
Background: This gene encodes a protein that belongs to a novel class of zinc finger proteins. The encoded protein functions as a transcriptional co-regulator, and as an E3 ubiquitin ligase that promotes the ubiquitination and proteasomal degradation of target proteins. The protein encoded by this gene is thought to regulate RNA polymerase II-catalyzed transcription. Substrates for this protein's E3 ubiquitin ligase activity include the capsid protein of the West Nile virus and the catalytic subunit of the telomerase ribonucleoprotein. This protein controls cell cycle arrest and apoptosis by regulating p21, a cell cycle regulator, and the tumor suppressor protein p53. Pseudogenes of this gene are present on chromosomes 1, 3, 9, 12 and 20, and on the X chromosome. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2014]

Synonyms: CRSBP-1; HAR; LYVE-1; XLKD1

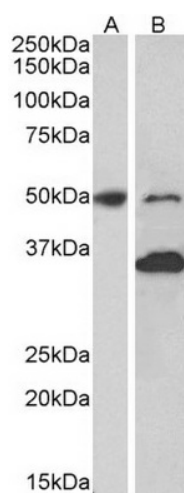
Note: This antibody is expected to recognize both reported isoforms (NP_038474.2; NP_001138597.1).

Protein Families: Druggable Genome, Transmembrane

Product images:



HEK293 lysate (10ug protein in RIPA buffer) over expressing Human MKRN1 with DYKDDDDK tag probed with TA348997 (0.3ug/ml) in Lane A and probed with anti-DYKDDDDK Tag (1/1000) in lane C. Mock-transfected HEK293 probed with EB10898 (1mg/ml) in Lane B. Prim



TA348997 (1 ug/ml) staining of Mouse fetal (A) and adult (B) Brain lysates (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.