

Rabbit LYVE1 (XLKD1) Polyclonal Antibody | anti-LYVE1 antibody

LYVE1 (XLKD1) Antibody (C-term)

CATALOG # AAA289809	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Bovine)	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

LYVE1 (XLKD1); Polyclonal Antibody; LYVE1 (XLKD1) Antibody (C-term); Lymphatic vessel endothelial hyaluronic acid receptor 1; LYVE-1; Cell surface retention sequence-binding protein 1; CRSBP-1; Extracellular link domain-containing protein 1; Hyaluronic acid receptor; LYVE1; CRSBP1; HAR; XLKD1; anti-LYVE1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LYVE1 (XLKD1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 243-272 amino acids from the C-terminal region of human LYVE1 (XLKD1).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	243-272
Sequence Length	322
Applicable Applications for anti-LYVE1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

XLKD1 Antibody (C-term) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the XLKD1 antibody detected the XLKD1 protein (arrow).



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL INFORMATION

Related Product Information for anti-LYVE1 antibody	XLKD1 is a type I integral membrane glycoprotein. The encoded protein acts as a receptor and binds to both soluble and immobilized hyaluronan. This protein may function in lymphatic hyaluronan transport and have a role in tumor metastasis.
Product Categories/Family for anti-LYVE1 antibody	Cardiovascular
References	Jackson, D.G., Trends Cardiovasc. Med. 13(1):1-7 (2003). Cursiefen, C., et al., Invest. Ophthalmol. Vis. Sci. 43(7):2127-2135 (2002). Cunnick, G.H., et al., Biochem. Biophys. Res. Commun. 288(4):1043-1046 (2001). Mouta Carreira, C., et al., Cancer Res. 61(22):8079-8084 (2001). Banerji, S., et al., J. Cell Biol. 144(4):789-801 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	40549451
NCBI GeneID	10894
NCBI Accession #	NP_006682.2
NCBI GenBank Nucleotide #	NM_006691.3
UniProt Accession #	Q9Y5Y7; Q8TC18; Q9UNF4
Molecular Weight	35213
NCBI Official Full Name	lymphatic vessel endothelial hyaluronic acid receptor 1
NCBI Official Synonym Full Names	lymphatic vessel endothelial hyaluronan receptor 1
NCBI Official Symbol	LYVE1
NCBI Official Synonym Symbols	HAR; XLKD1; LYVE-1; CRSBP-1
NCBI Protein Information	lymphatic vessel endothelial hyaluronic acid receptor 1
UniProt Protein Name	Lymphatic vessel endothelial hyaluronic acid receptor 1
UniProt Gene Name	LYVE1
UniProt Synonym Gene Names	CRSBP1; HAR; XLKD1; LYVE-1; CRSBP-1
UniProt Entry Name	LYVE1_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/lyve1-xlkd1-antibody-western-blot-immunohistochemistry-elisa/289809>