

Rabbit anti-Human, mouse XLKD1 Polyclonal Antibody | anti-LYVE1 antibody

XLKD1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284541	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

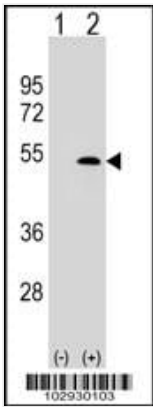
PRODUCT SYNONYMS

XLKD1; Polyclonal Antibody; XLKD1 Antibody (N-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; anti-LYVE1 antibody

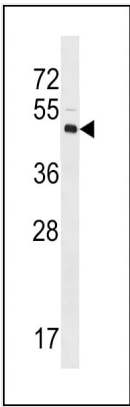
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This XLKD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 46-77 amino acids from the N-terminal region of human 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	46-77
Sequence Length	322
Applicable Applications for anti-LYVE1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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.

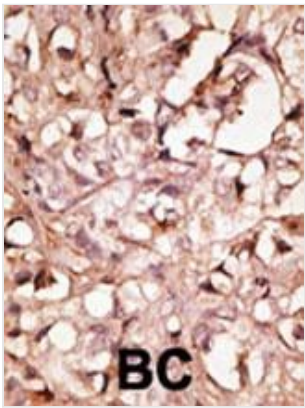
IMAGES



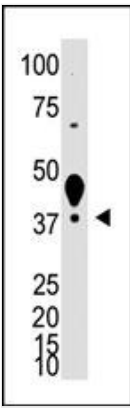
WB (Western Blot)
Western blot analysis of XLKD1 (arrow) using rabbit polyclonal XLKD1 Antibody (C61). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the XLKD1 gene.



WB (Western Blot)
XLKD1 Antibody (N-term) western blot analysis in Y79 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.



WB (Western Blot)
The anti-XLKD1 N-term Pab is used in Western blot to detect XLKD1 in mouse liver tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-LYVE1 antibody	One of the key groups of molecules regulating leukocyte and tumour cell migration is the glycosaminoglycan hyaluronan (HA). In inflammation, the exit of leukocytes across vascular endothelium to the underlying tissues involves interactions with cell surface lectin-like receptors on the leukocytes that bind HA on the luminal surface of the endothelium. During normal tissue homeostasis and after tissue injury, HA is mobilized from these sites through lymphatic vessels to the lymph nodes where it is degraded before entering the circulation for rapid uptake by the liver. Lymphatic vessel endothelial hyaluronan receptor (LYVE)-1 is a major receptor for HA on the lymph vessel wall. LYVE-1 is expressed primarily on lymphatic vessel endothelium and is likely to be involved in regulating the traffic of leucocytes and tumour cells to lymph nodes.
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
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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/xlkd1-antibody-immunohistochemistry-western-blot-elisa/284541>