

Rabbit anti-Mouse, Human LYVE1 Polyclonal Antibody | anti-LYVE1 antibody

Anti-LYVE1 Antibody (aa46-77) IHC-plus

CATALOG # AAA52638	HOST Rabbit	REACTIVITY Mouse, Human	APPLICATIONS Western Blot, Immunohistochemistry
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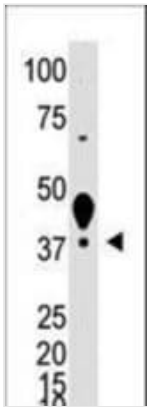
PRODUCT SYNONYMS

LYVE1; Polyclonal Antibody; Anti-LYVE1 Antibody (aa46-77) IHC-plus; Rabbit Polyclonal to Human LYVE1; Human LYVE1; CRSBP-1; CRSBP1; Hyaluronic acid receptor; LYVE-1; XLKD1; HAR; anti-LYVE1 antibody

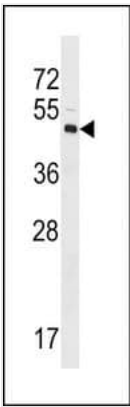
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human
Clonality	Polyclonal
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	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide
Sequence Positions	46-77
Applicable Applications for anti-LYVE1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	LYVE1 antibody was raised against KLH conjugated synthetic peptide selected from the N-terminal region of human XLKD1.
Immunogen Description	KLH conjugated synthetic peptide selected from the N-terminal region of human XLKD1.
Immunogen Type	Synthetic peptide
Antigen Modification	aa46-77
Target Species	Human
Usage	This antibody does not work for IHC with samples fixed in 4% PFA.
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

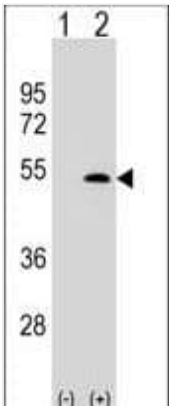
Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Maintain refrigerated at 2°C to 8°C for up to 6 months. For long term storage store at -20°C.



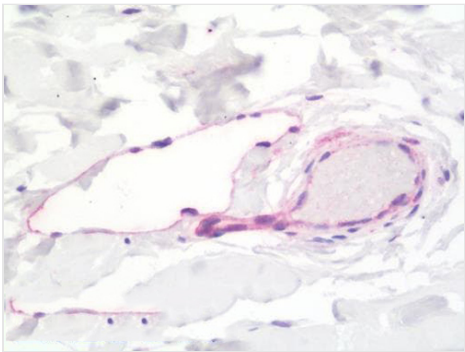
WB (Western Blot)
The anti-XLKD1 N-term antibody is used in Western blot to detect XLKD1 in mouse liver tissue lysate.



WB (Western Blot)
XLKD1 Antibody western blot of Y79 cell line lysates (35 ug/lane). The XLKD1 antibody detected the XLKD1 protein (arrow).



WB (Western Blot)
Western blot 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.



IHC (Immunohistochemistry)
Anti-LYVE1 / LYVE-1 antibody IHC staining of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-LYVE1 antibody	LYVE1 Antibody, CRSBP-1 Antibody, CRSBP1 Antibody, Hyaluronic acid receptor Antibody, LYVE-1 Antibody, XLKD1 Antibody, HAR Antibody Description: Ligand-specific transporter trafficking between intracellular organelles (TGN) and the plasma membrane. Plays a role in autocrine regulation of cell growth mediated by growth regulators containing cell surface retention sequence binding (CRS). May act as a hyaluronan (HA) transporter, either mediating its uptake for catabolism within lymphatic endothelial cells themselves, or its transport into the lumen of afferent lymphatic vessels for subsequent re-uptake and degradation in lymph nodes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40549451
NCBI GeneID	10894
NCBI Accession #	NP_006682.2
NCBI GenBank Nucleotide #	NM_006691.3
Molecular Weight	35,213 Da
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-antibody-western-blot-immunohistochemistry-elisa/52638>