

Rabbit LIX1L Polyclonal Antibody | anti-LIX1L antibody

Anti-LIX1L Antibody Picoband

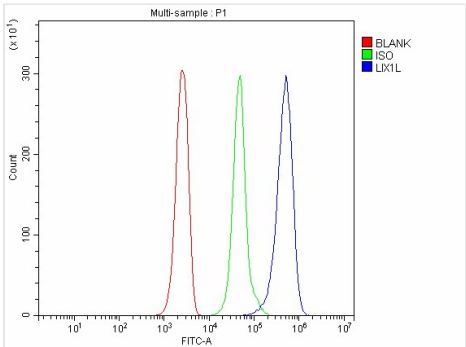
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA127926	Rabbit	Human, Mouse, Rat	Western Blot, Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

LIX1L; Polyclonal Antibody; Anti-LIX1L Antibody Picoband; anti-LIX1L antibody

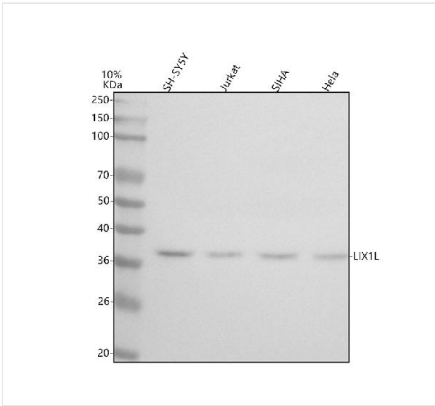
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-LIX1L antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), ELISA
Immunogen	E coli-derived human LIX1L recombinant protein (Position: L77-H333). Human LIX1L shares 99.6% and 99.2% amino acid (aa) sequence identity with mouse and rat LIX1L, respectively.
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.



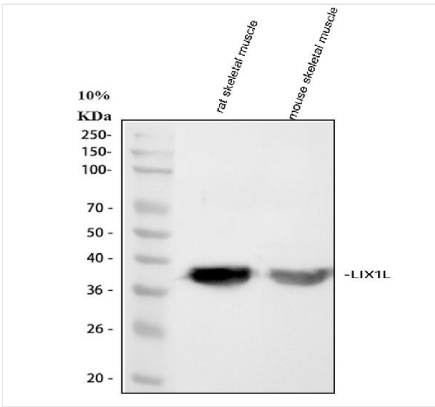
FCM/FACS (Flow Cytometry)

Figure 3. Flow Cytometry analysis of JK cells using anti-LIX1L antibody (AAA127926). Overlay histogram showing JK cells stained with AAA127926 (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-LIX1L Antibody (AAA127926, 1ug/1x106 cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1ug/1x106) used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.



WB (Western Blot)

Figure 1. Western blot analysis of LIX1L using anti-LIX1L antibody (AAA127926). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human SH-SY5Y whole cell lysates, Lane 2: human Jurkat whole cell lysates, Lane 3: human SiHa whole cell lysates, Lane 4: human Hela whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-LIX1L antigen affinity purified polyclonal antibody (#AAA127926) at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for LIX1L at approximately 37 kDa. The expected band size for LIX1L is at 37 kDa.



WB (Western Blot)

Figure 2. Western blot analysis of LIX1L using anti-LIX1L antibody (AAA127926). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: rat skeletal muscle tissue lysates, Lane 2: mouse skeletal muscle tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-LIX1L antigen affinity purified polyclonal antibody (#AAA127926) at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for LIX1L at approximately 37 kDa. The expected band size for LIX1L is at 37 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-LIX1L antibody

The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.

Product Categories/Family for anti-LIX1L antibody	Primary Antibodies
References	1. Nakamura, S., Kahyo, T., Tao, H., Shibata, K., Kurabe, N., Yamada, H., ... & Sugimura, H. (2015). Novel roles for LIX1L in promoting cancer cell proliferation through ROS1-mediated LIX1L phosphorylation. Scientific Reports, 5(1), 13474. 2. Mao, Y., Kucuk, B., & Irvine, K. D. (2009). Drosophila lowfat, a novel modulator of Fat signaling. Development, 136(19), 3223-3233. 3. Shi, R., Shi, X., Qin, D., Tang, S., Vermeulen, M., & Zhang, X. (2021). SNX27-driven membrane localisation of OTULIN antagonises linear ubiquitination and NF-kappaB signalling activation. Cell & Bioscience, 11, 1-14.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24308458
NCBI GeneID	128077
NCBI Accession #	NP_714924.1
NCBI GenBank Nucleotide #	NM_153713.2
UniProt Accession #	Q8IVB5; Q6AI36
Molecular Weight	36,563 Da
NCBI Official Full Name	LIX1-like protein
NCBI Official Synonym Full Names	Lix1 homolog (chicken) like
NCBI Official Symbol	LIX1L
NCBI Protein Information	LIX1-like protein; Lix1 homolog-like
UniProt Protein Name	LIX1-like protein
UniProt Gene Name	LIX1L
UniProt Entry Name	LIX1L_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://www.aaabiotech.com/polyclonal/lix1l-antibody-western-blot-flow-cytometry-elisa/127926>