

anti-Human LAR Polyclonal Antibody | anti-LAR antibody

Anti-LAR Antibody

CATALOG # AAA46290	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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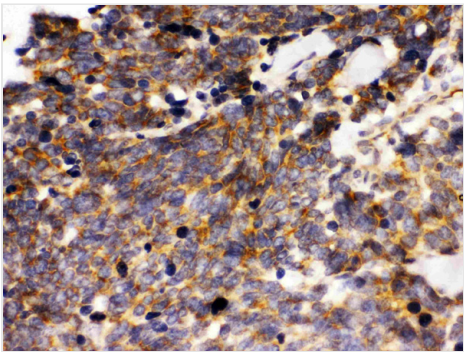
PRODUCT SYNONYMS

LAR; Polyclonal Antibody; Anti-LAR Antibody; Receptor-type tyrosine-protein phosphatase F; FLJ43335; FLJ45062; FLJ45567; LAR protein; LARFN5C; LARS; LCA homolog; Leukocyte antigen related (LAR) PTP receptor; Leukocyte antigen related; Leukocyte antigen related PTP receptor; Leukocyte antigen related tyrosine phosphatase; Leukocyte common antigen related; Protein Tyrosine Phosphatase Receptor Type F; Protein tyrosine phosphatase receptor type F polypeptide; Ptp_{rf}; PTPRF protein; PTPRF_HUMAN; Receptor linked protein tyrosine phosphatase LAR; Receptor type tyrosine protein phosphatase F; Receptor type tyrosine protein phosphatase F precursor; protein tyrosine phosphatase; receptor type; F; anti-LAR antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	1907
Applicable Applications for anti-LAR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human LAR (1167-1203aa EQGGEEQRRRRRQAERLKPYYAAQLDVLPEFTLTGDK), different from the related mouse and rat sequences by four amino acids.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohiostchemistry)
Anti- LAR Picoband antibody, AAA46290, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)
Anti- LAR Picoband antibody, AAA46290, Western blottingAll lanes: Anti LAR (AAA46290) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: A431 Whole Cell Lysate at 40ugLane 3: A549 Whole Cell Lysate at 40ugPredicted bind size: 240KDObserved bind size: 240KD

ADDITIONAL INFORMATION

Related Product Information for anti-LAR antibody	Description: Rabbit IgG polyclonal antibody for Receptor-type tyrosine-protein phosphatase F(PTPRF) detection. Tested with WB, IHC-P in Human. Background: Receptor-type tyrosine-protein phosphatase F is an enzyme that in humans is encoded by the PTPRF gene. The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP possesses an extracellular region, a single transmembrane region, and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. The extracellular region contains three Ig-like domains, and nine non-Ig like domains similar to that of neural-cell adhesion molecule. This PTP was shown to function in the regulation of epithelial cell-cell contacts at adherents junctions, as well as in the control of beta-catenin signaling. An increased expression level of this protein was found in the insulin-responsive tissue of obese, insulin-resistant individuals, and may contribute to the pathogenesis of insulin resistance. Two alternatively spliced transcript variants of this gene, which encode distinct proteins, have been reported.
References	1. "Entrez Gene: PTPRF protein tyrosine phosphatase, receptor type, F". 2. Harder KW, Saw J, Miki N, Jirik F (Nov 1995). "Coexisting amplifications of the chromosome 1p32 genes (PTPRF and MYCL1) encoding protein tyrosine phosphatase LAR and L-myc in a small cell lung cancer line".Genomics 27 (3): 552-3.

NCBI AND UNIPROT INFORMATION

NCBI GI #	109633041
NCBI GeneID	5792
NCBI Accession #	NP_002831.2
NCBI GenBank Nucleotide #	NM_002840.3
UniProt Accession #	P10586; Q5T021; Q5T022; Q5W9G2; Q86WS0; D3DPX6; D3DPX7
Molecular Weight	211,687 Da
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase F isoform 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type F
NCBI Official Symbol	PTPRF
NCBI Official Synonym Symbols	LAR; BNAH2

NCBI Protein Information	receptor-type tyrosine-protein phosphatase F
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase F
UniProt Gene Name	PTPRF
UniProt Synonym Gene Names	LAR; LAR
UniProt Entry Name	PTPRF_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/lar-antibody-immunohistochemistry-western-blot-elisa/46290>