

Rabbit XPLN Polyclonal Antibody | anti-XPLN antibody

Rabbit anti-XPLN Antibody

CATALOG # AAA221008	HOST Rabbit	REACTIVITY Human, Monkey	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

XPLN; Polyclonal Antibody; Rabbit anti-XPLN Antibody; Rho guanine nucleotide exchange factor 3; Exchange factor found in platelets and leukemic and neuronal tissues; anti-XPLN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-XPLN antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human XPLN. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



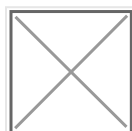
IF (Immunofluorescence)

Immunofluorescent analysis of XPLN staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of XPLN staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of XPLN expression in MCF7 (A), COLO205 (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-XPLN antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190885495
NCBI GeneID	50650
NCBI Accession #	NP_001122087.1
NCBI GenBank Nucleotide #	NM_001128615.1
UniProt Accession #	Q9NR81; Q4FZB6; Q4QQI5; Q4QQQ0; Q59F00; Q6NUN3; Q7Z4U2; Q7Z5T2; Q9H7T4; A8K5U7
Molecular Weight	59,783 Da
NCBI Official Full Name	rho guanine nucleotide exchange factor 3 isoform 1
NCBI Official Synonym Full Names	Rho guanine nucleotide exchange factor (GEF) 3
NCBI Official Symbol	ARHGEF3
NCBI Official Synonym Symbols	GEF3; STA3; XPLN
NCBI Protein Information	rho guanine nucleotide exchange factor 3; RhoGEF protein; 59.8 kDA protein; exchange factor found in platelets and leukemic and neuronal tissues, XPLN
UniProt Protein Name	Rho guanine nucleotide exchange factor 3
UniProt Gene Name	ARHGEF3
UniProt Synonym Gene Names	XPLN
UniProt Entry Name	ARHG3_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/xpln-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/221008>