

Rabbit anti-Human, Mouse PVRL3 Polyclonal Antibody | anti-PVRL3 antibody

PVRL3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324959	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

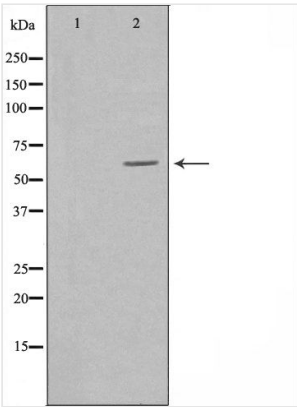
PRODUCT SYNONYMS

PVRL3; Polyclonal Antibody; PVRL3 Antibody; CD113; CDw113; DKFZP566B0846; FLJ90624; Nectin-3; Nectin3; Poliovirus receptor related 3; Poliovirus receptor related protein 3; Poliovirus receptor-like 3; Poliovirus receptor-related protein 3; PPR3; PRR3; Pvr13; PVRL3_HUMAN; PVRR3; anti-PVRL3 antibody

PRODUCT SPECIFICATIONS

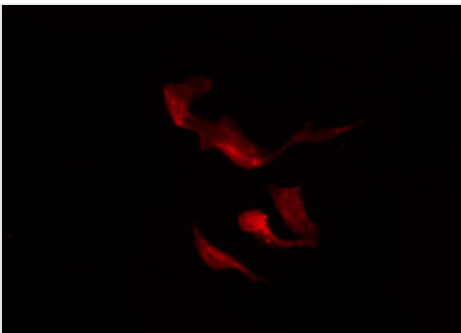
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	PVRL3 antibody detects endogenous levels of total PVRL3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	366
Applicable Applications for anti-PVRL3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Predominantly expressed in testis and placenta as well as in many cell lines, including epithelial cell lines.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



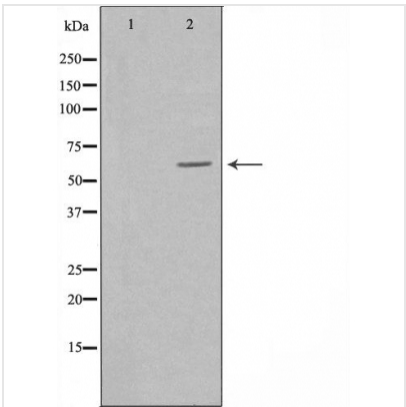
WB (Western Blot)

Western blot analysis of extracts from A549 cells, using PVRL3 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA324959 staining A549 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from A549 cells, using PVRL3 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PVRL3 antibody

Function: Plays a role in cell-cell adhesion through heterophilic trans-interactions with nectin-like proteins or nectins, such as trans-interaction with NECTIN2 at Sertoli-spermatid junctions. Trans-interaction with PVR induces activation of CDC42 and RAC small G proteins through common signaling molecules such as SRC and RAP1. Also involved in the formation of cell-cell junctions, including adherens junctions and synapses. Induces endocytosis-mediated down-regulation of PVR from the cell surface, resulting in reduction of cell movement and proliferation. Plays a role in the morphology of the ciliary body.

Subunit Structure: Cis-and trans-homodimer. Can form trans-heterodimers with NECTIN1, NECTIN2, PVR, IGSF4B/Necl-1 and with IGSF4. Interaction between NECTIN1 and NECTIN3 on the pre-and postsynaptic sites, respectively, initiates the formation of puncta adherentia junctions between axons and dendrites. Interacts (via Cytoplasmic domain) with AFDN, providing a connection with the actin cytoskeleton. Binds with low affinity to TIGIT.

Similarity: Belongs to the nectin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	343168783
NCBI GeneID	25945
NCBI Accession #	NP_001230215.1
NCBI GenBank Nucleotide #	NM_001243286.1
UniProt Accession #	Q9NQS3; Q6NVZ3; Q8NC05; Q8WVU4; Q9BVA9; Q9Y412; E9PFR0

Molecular Weight	Observed: 61 kD Predicted: 62 kDa
NCBI Official Full Name	nectin-3 isoform 2
NCBI Official Synonym Full Names	nectin cell adhesion molecule 3
NCBI Official Symbol	NECTIN3
NCBI Official Synonym Symbols	PPR3; PRR3; CD113; PVRL3; PVRR3; CDW113; NECTIN-3
NCBI Protein Information	nectin-3
UniProt Protein Name	Nectin-3
UniProt Gene Name	NECTIN3
UniProt Synonym Gene Names	PPR3; PVRL3

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/pvrl3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324959>