

Rabbit RP2 Polyclonal Antibody | anti-RP2 antibody

Anti-RP2 Antibody

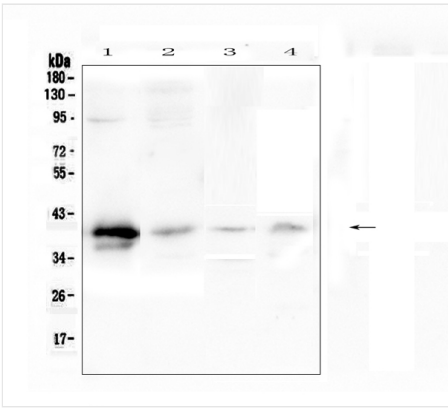
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA124935	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RP2; Polyclonal Antibody; Anti-RP2 Antibody; Protein XRP2; ARL3 GTPase activating protein; anti-RP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized
Sequence Length	350
Applicable Applications for anti-RP2 antibody	ELISA (Direct ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human RP2 recombinant protein (Position: D244-M348).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Relevant Detection Systems	It is recommended to use an Enhanced Chemiluminescent Kit with anti-Rabbit IgG for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit for IHC-P.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



WB (Western Blot)

Figure 1. Western blot analysis of RP2 using anti-RP2 antibody. 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 50ug of sample under reducing conditions. Lane 1: human placenta tissue lysates, Lane 2: human SGC-7901 whole cell lysate, Lane 3: rat lung tissue lysates, Lane 4: mouse lung tissue lysates. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA 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-RP2 antigen affinity purified polyclonal antibody at 0.5 ug/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 1:10000 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 RP2 at approximately 40KD. The expected band size for RP2 is at 40KD.

NCBI GenBank Nucleotide #	NM_006915.3
UniProt Accession #	O75695; Q86XJ7; Q9NU67
Molecular Weight	39,641 Da
NCBI Official Full Name	protein XRP2
NCBI Official Synonym Full Names	RP2, ARL3 GTPase activating protein
NCBI Official Symbol	RP2
NCBI Official Synonym Symbols	XRP2; NME10; TBCCD2; NM23-H10; DELXp11.3
NCBI Protein Information	protein XRP2
UniProt Protein Name	Protein XRP2
UniProt Gene Name	RP2

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/rp2-antibody-direct-elisa-immunohistochemistry-western-blot-elisa/124935>