

Rabbit RP2 Polyclonal Antibody | anti-RP2 antibody

RP2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200652	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunohistochemistry

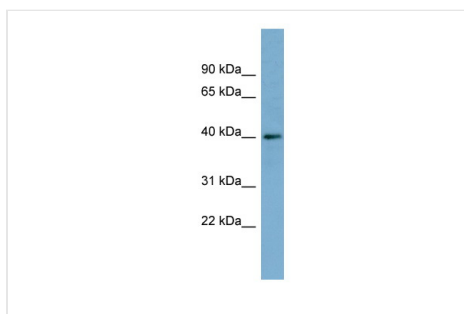
PRODUCT SYNONYMS

RP2; Polyclonal Antibody; RP2 antibody - middle region; anti-RP2 antibody

PRODUCT SPECIFICATIONS

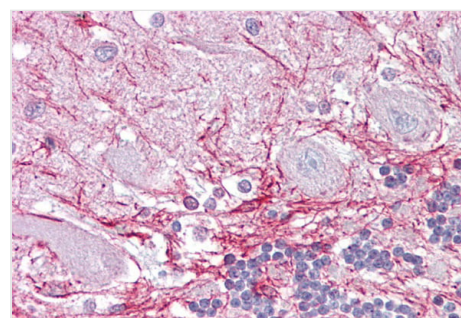
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LE FNGDGAVEVC QLIVNEIFNG TKMFVSESKE TASGDVDSFY NFADIQMG
Sequence Length	350
Applicable Applications for anti-RP2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human RP2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-RP2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human Muscle



IHC (Immunohistochemistry)

Immunohistochemistry with Brain, cerebellum tissue at an antibody concentration of 5ug/ml using anti-RP2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RP2 antibody	This is a rabbit polyclonal antibody against RP2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The RP2 locus has been implicated as one cause of X-linked retinitis pigmentosa. The predicted gene product shows homology with human cofactor C, a protein involved in the ultimate step of beta-tubulin folding. Progressive retinal degeneration may therefo
Product Categories/Family for anti-RP2 antibody	Polyclonal; Various; Immunohistochemistry; Cell Morphogenesis

NCBI AND UNIPROT INFORMATION

NCBI GI #	170016081
NCBI GeneID	6102
NCBI Accession #	NP_008846
NCBI GenBank Nucleotide #	NM_006003
UniProt Accession #	O75695
Molecular Weight	40kDa
NCBI Official Full Name	protein XRP2
NCBI Official Synonym Full Names	RP2 activator of ARL3 GTPase
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
UniProt Entry Name	XRP2_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/rp2-antibody-western-blot-immunohistochemistry-elisa/200652>