

Rabbit POP4 Polyclonal Antibody | anti-POP4 antibody

POP4 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198737	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

POP4; Polyclonal Antibody; POP4 antibody - C-terminal region; anti-POP4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A 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: ED RLKVIPKLNC VFTVETDGF I SYIYGSKFQL RSSERSAKKF KAKGTIDL
Sequence Length	220
Applicable Applications for anti-POP4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%; Yeast: 91%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human POP4
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-POP4 Antibody Titration: 1:25ug/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate


IHC (Immunohistochemistry)

Rabbit Anti-POP4 Antibody
Paraffin Embedded Tissue: Human Lung
Cellular Data: Alveolar cells
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-POP4 antibody	This is a rabbit polyclonal antibody against POP4. It was validated on Western Blot and immunohistochemistry Target Description: POP4 is a part of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends. It may function with RPP38 to coordinate the nucleolar targeting and/or assembly of RNase P.
Product Categories/Family for anti-POP4 antibody	Polyclonal; RNA Binding Proteins; Chromatin & Nuclear Signaling; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729986
NCBI GeneID	10775
NCBI Accession #	NP_006618
NCBI GenBank Nucleotide #	NM_006627
UniProt Accession #	O95707
Molecular Weight	24kDa
NCBI Official Full Name	ribonuclease P protein subunit p29
NCBI Official Synonym Full Names	POP4 homolog, ribonuclease P/MRP subunit
NCBI Official Symbol	POP4
NCBI Official Synonym Symbols	RPP29
NCBI Protein Information	ribonuclease P protein subunit p29
UniProt Protein Name	Ribonuclease P protein subunit p29
UniProt Gene Name	POP4
UniProt Synonym Gene Names	RPP29; hPOP4
UniProt Entry Name	RPP29_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pop4-antibody-western-blot-immunohistochemistry-elisa/198737>