

Rabbit anti-Human, Mouse ELAC2 Polyclonal Antibody | anti-ELAC2 antibody

Rabbit anti-ELAC2 Antibody, Affinity Purified

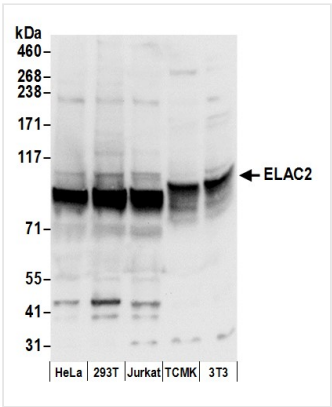
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212930	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

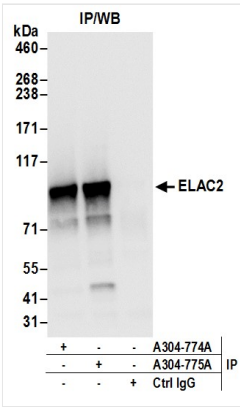
ELAC2; Polyclonal Antibody; Rabbit anti-ELAC2 Antibody; Affinity Purified; putative prostate cancer susceptibility protein HPC2/ELAC2; zinc phosphodiesterase ELAC protein 2; tRNase Z 2; tRNase Z (long form); tRNA 3 endonuclease 2; RNase Z 2; ribonuclease Z 2; HPC2; heredity prostate cancer protein 2; ELC2; elac-like protein 2; elac homolog protein 2; COXPD17; elac homolog 2; Zinc phosphodiesterase ELAC protein 2; elac ribonuclease Z 2; anti-ELAC2 antibody

PRODUCT SPECIFICATIONS

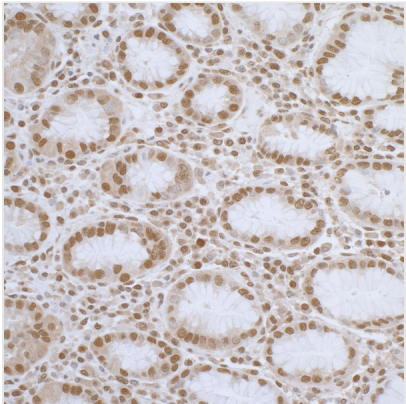
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ELAC2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Gorilla, Chimpanzee
Immunogen	Between 776 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



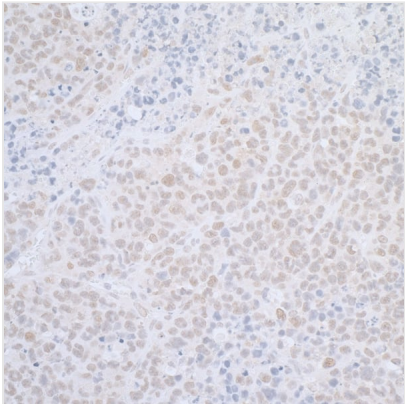
WB (Western Blot)
Detection of human and mouse ELAC2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ELAC2 antibody AAA212930 (lot AAA212930-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IP (Immunoprecipitation)
Detection of human ELAC2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ELAC2 antibody AAA212930 (lot AAA212930-1) used for IP at 6 ug per reaction. ELAC2 was also immunoprecipitated by rabbit anti-ELAC2 antibody For blotting immunoprecipitated ELAC2, AAA212930 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)
Detection of human ELAC2 by immunohistochemistry. Sample: FFPE section of human stomach. Antibody: Affinity purified rabbit anti-ELAC2 (Cat. No. AAA212930 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



IHC (Immunohistochemistry)
Detection of mouse ELAC2 by immunohistochemistry. Sample: FFPE section of mouse plasmacytoma. Antibody: Affinity purified rabbit anti-ELAC2 (Cat. No. AAA212930 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-ELAC2 antibody	ELAC2 is a zinc phosphodiesterase, which displays mitochondrial tRNA 3'-processing endonuclease activity.It is involved in tRNA maturation, by removing a 3'-trailer from precursor tRNA [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9BQ52].
Product Categories/Family for anti-ELAC2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	145553959
NCBI GeneID	60528
NCBI Accession #	NP_060597.4
NCBI GenBank Nucleotide #	NM_018127.6
UniProt Accession #	Q9BQ52; Q6IA94; Q9HAS8; Q9HAS9; Q9NVT1; B4DPL9
Molecular Weight	87,564 Da

NCBI Official Full Name	zinc phosphodiesterase ELAC protein 2 isoform 1
NCBI Official Synonym Full Names	elaC ribonuclease Z 2
NCBI Official Symbol	ELAC2
NCBI Official Synonym Symbols	ELC2; HPC2; COXPD17
NCBI Protein Information	zinc phosphodiesterase ELAC protein 2; RNase Z 2; tRNase Z 2; elaC homolog 2; ribonuclease Z 2; tRNase Z (long form); tRNA 3 endonuclease 2; elaC homolog protein 2; heredity prostate cancer protein 2; putative prostate cancer susceptibility protein HPC2/E
UniProt Protein Name	Zinc phosphodiesterase ELAC protein 2
UniProt Gene Name	ELAC2
UniProt Synonym Gene Names	HPC2; RNase Z 2
UniProt Entry Name	RNZ2_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/elac2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212930>