

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

ELAC2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279878	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

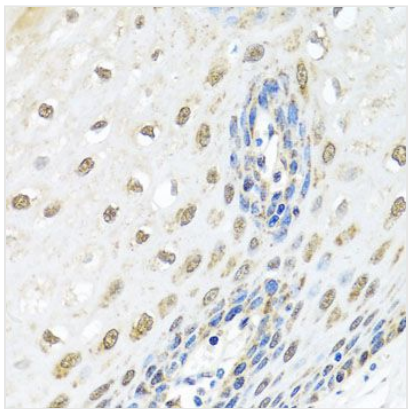
PRODUCT SYNONYMS

ELAC2; Polyclonal Antibody; ELAC2 Polyclonal Antibody; ELC2; HPC2; COXPD17; anti-ELAC2 antibody

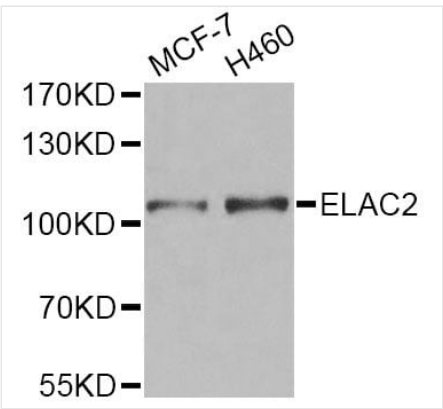
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	826
Applicable Applications for anti-ELAC2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human ELAC2
Calculated Molecular Weight	92kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human esophagus using ELAC2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using ELAC2 Antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-ELAC2 antibody	The protein encoded by this gene has a C-terminal domain with tRNA 3' processing endoribonuclease activity, which catalyzes the removal of the 3' trailer from precursor tRNAs. The protein also interacts with activated Smad family member 2 (Smad2) and its nuclear partner forkhead box H1 (also known as FAST-1), and reduced expression can suppress transforming growth factor-beta induced growth arrest. Mutations in this gene result in an increased risk of prostate cancer. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-ELAC2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	41017788
NCBI GeneID	60528
UniProt Accession #	Q9BQ52; Q6IA94; Q9HAS8; Q9HAS9; Q9NVT1; B4DPL9
Molecular Weight	826
NCBI Official Full Name	Zinc phosphodiesterase ELAC protein 2
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/ELAC2
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-immunofluorescence-immunohistochemistry-western-blot-elisa/279878>