

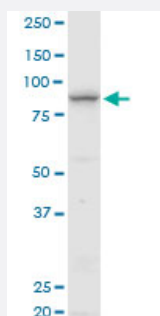
MaxPab®

ELAC2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00060528-B01P

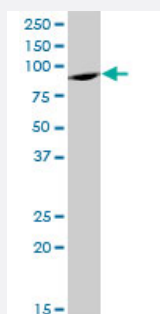
Size 50 ug

Applications



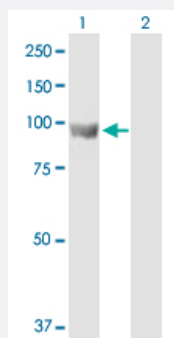
Western Blot (Cell lysate)

ELAC2 MaxPab polyclonal antibody. Western Blot analysis of ELAC2 expression in Jurkat.



Western Blot (Cell lysate)

ELAC2 MaxPab polyclonal antibody. Western Blot analysis of ELAC2 expression in COLO 320 HSR.

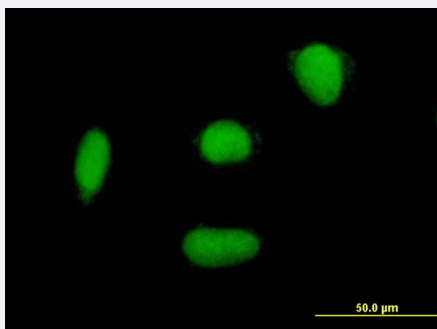


Western Blot (Transfected lysate)

Western Blot analysis of ELAC2 expression in transfected 293T cell line ([H00060528-T01](#)) by ELAC2 MaxPab polyclonal antibody.

Lane 1: ELAC2 transfected lysate(90.86 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ELAC2 on HepG2 cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ELAC2 protein.
Immunogen	ELAC2 (NP_060597.3, 1 a.a. ~ 826 a.a) full-length human protein.
Sequence	MWALCSLLRSAAGRTMSQGRTISQAPARRERPRKDPLRHLRTREKRGPSGCSGGPNTVYLQVV AAGSRDSGAALYVFSEFNRYLFNCGEGVQRLMQEHKLKVARLDNIFLTRMHWSNVGGLSGMILTL KETGLPKCVLSGPPQLEKYLEAIKIFSGPLKGIELAVRPHSAPEYEDETMVYQIPIHSEQRRGKHQ PWQSPERPLSRLSPERSSESELNENEPHLPBGVSQRRGVDRSSLVVAFICKLHLKRGNFLVLKA KEMGLPVGTAAIPIIAAVKDGKSITHEGREILAEELCTPPDPGAAFVVVECPDESFIQPICENATFQ RYQ GKADAPVALVVMAPASVLVDSRYQQWMERFGPDTQHLVLNENCASVHNLRS HKIQTQLN LIHPDIFPLLT SFRCKKEGPTLSVPMVQGECLLKYQLRPRREWQRDAITCNPEEFIVEALQLPNFQ QSVQEYRRSAQDGPAPAEKRSQYPEIIFLGTGSAIPMKIRNVSATLVNISPDTSLLLDCEGEGTFGQL CRHYGDQVDRVLGTAAV FVSHLHADHHTGLPSILLQRERALASLGKPLHPLL VVAPNQLKAWLQ QYHNQCQEVLHHISMIPAKCLQEGAEISSPAVERLISSLLRTCDLEEFQTCLVRHCKHAFGCALVH TSGWKVVYSGDTMPCEALVRMGKDATLLIHEATLEDGLEEEAVEKTHSTTSQAISVGMRMNAEFI MLNHFSQRYAKVPLFSPNFSEKVGVAFDHMKVCFGDFPTMPKLIPPLKALFAGDIEEMEERREK REL RQVRAALLSREL AGGLEDGEPQQKRAHTEEPQAKK VRAQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (81)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ELAC2 MaxPab polyclonal antibody. Western Blot analysis of ELAC2 expression in Jurkat.

[Protocol Download](#)

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[Protocol Download](#)

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- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ELAC2 on HepG2 cell. [antibody concentration 10 ug/ml]

Gene Info — ELAC2

Entrez GeneID [60528](#)

GeneBank Accession# [NM_018127.4](#)

Protein Accession# [NP_060597.3](#)

Gene Name ELAC2

Gene Alias ELC2, FLJ10530, FLJ36693, FLJ42848, HPC2

Gene Description elaC homolog 2 (E. coli)

Omim ID [176807 605367](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

elaC homolog 2|hereditary prostate cancer|putative prostate cancer susceptibility protein|tRNA Z (long form)

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)