

DNAxPAb

Hard-to-Find
Antibody

ELAC2 DNAxPab

Catalog # H00060528-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ELAC2 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MWALCSLLRSAAGRTMSQGRTISQAPARRERPRKDPLRHLRTREKRGPSGCSGGPNTVYLQVV
AAGSRDSGAALYVFSEFNRYLFNCGEGVQRLMQEHKLKVARLDNIFLTRMHWSNVGGLSGMILTL
KETGLPKCVLSGPPQLEKYLEAIKIFSGPLKGIELAVRPHSAPEYEDETMTVYQIPIHSEQRRGKHQ
PWQSPERPLSRLSPERSSDSELNENEPHLPHGVSQRRGVDRDSSLVAFICKLHLKRGNFLVLKA
KEMGLPVGTAIIPIIAAVKDGKSITHEGREILAEELCTPPDPGAAFVVVECPDESFIQPICENATFQ
RYQ GKADAPVALVVHMAPASVLVDSRYQQWMERFGPDTQHLVLNENCASVHNLRSHKIQTQLN
LIHPDIFLLTSFRCKKEGPTLSVPMVQGECLLKYQLRPRREWQRDAITCNPEEFIVEALQLPNFQ
QSVQEYRRSAQDGPAPAEKRSQYPEIIFLTGTGSAIPMKIRNVSATLVNISPDTSLLLDCEGEGTFGQL
CRHYGDQVDRVLGTAAVVFVSHLHADHHTGLPSILLQRERALASLGKPLHPLLVVAPNQLKAWLQ
QYHNQCQEVLLHHISMIPAKCLQEGAEISSPAVERLISSLLRTCDLEEFQTCLVRHCKHAFGCALVH
TSGWKVVYSGDTMPCEALVRMGKDATLLIHEATLEDGLEEEAVEKTHSTTSQAISVGMRMNAEFI
MLNHFSQRYAKVPLFSPNFSEKVGVAFDHMKVCFGDFPTMPKLIPLKALFAGDIEEMEERREK
REL RQVRAALLSRELAGGLEDGEPQQKRAHTEEPQAKKVRAQ

Host Rabbit

Reactivity Human

Purification Protein A

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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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

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- [Alzheimer disease](#)
- [Asthma](#)
- [Cardiovascular Diseases](#)

- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
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