

## ELAC2

**Reactivity:**Human

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:**92kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human ELAC2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

ELC2; HPC2; COXPD17;

**Catalog #:**A7128

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**60528

**Isotype:**IgG

**Swiss Prot:**Q9BQ52

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded by this gene has a C-terminal domain with tRNA 3' trailer 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.

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