

ELAC2 Antibody

Catalog No: #34041

Package Size: #34041-1 50ul #34041-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

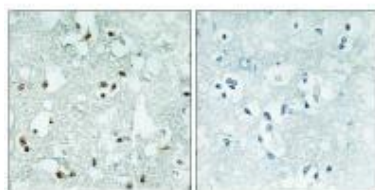
Description

Product Name	ELAC2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ELAC2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ELAC2.
Target Name	ELAC2
Other Names	Zinc phosphodiesterase ELAC protein 2; EC 3.1.26.11; Ribonuclease Z 2; RNase Z 2; tRNase Z 2
Accession No.	Swiss-Prot: Q9BQ52NCBI Gene ID: 60528
Uniprot	Q9BQ52
GeneID	60528;
SDS-PAGE MW	92kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:50~1:100

Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using ELAC2 antibody #34041.

Background

Zinc phosphodiesterase, which displays mitochondrial tRNA 3'-processing endonuclease activity. Involved in tRNA maturation, by removing a 3'-trailer from precursor tRNA.

Tavtigian S.V., Nat. Genet. 27:172-180(2001).

Ota T., Nat. Genet. 36:40-45(2004).

Takaku H., Nucleic Acids Res. 31:2272-2278(2003).

Note: This product is for in vitro research use only