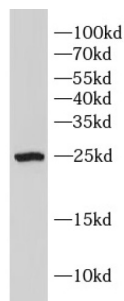
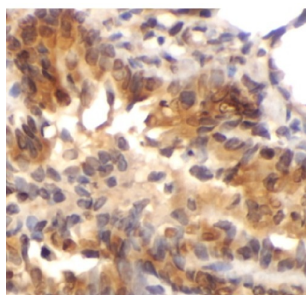


Endoplasmic Reticulum-Associated Amyloid Beta-Peptide-Binding Protein (ERAB) Antibody

Catalogue No.: abx020130



WB analysis of 293T cells, using ERAB antibody (1/1000 dilution).



IHC-P analysis of rat lung tissue, using ERAB antibody (1/100 dilution).

Endoplasmic Reticulum-Associated Amyloid Beta-Peptide-Binding Protein (ERAB) Antibody is a Rabbit Polyclonal antibody for the detection of ERAB.

Functions in mitochondrial tRNA maturation. Part of mitochondrial ribonuclease P, an enzyme composed of MRPP1/TRMT10C, MRPP2/HSD17B10 and MRPP3/KIAA0391, which cleaves tRNA molecules in their 5'-ends. Catalyzes the beta-oxidation at position 17 of androgens and estrogens and has 3-alpha-hydroxysteroid dehydrogenase activity with androsterone. Catalyzes the third step in the beta-oxidation of fatty acids. Carries out oxidative conversions of 7-alpha-OH and 7-beta-OH bile acids. Also exhibits 20-beta-OH and 21-OH dehydrogenase activities with C21 steroids. By interacting with intracellular amyloid-beta, it may contribute to the neuronal dysfunction associated with Alzheimer disease (AD).

Target: Endoplasmic Reticulum-Associated Amyloid Beta-Peptide-Binding Protein (ERAB)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/20 - 1/200, IP: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Datasheet

Version: 2.0.0
Revision date: 25 Jun 2025



Immunogen:	hydroxysteroid(17-beta) dehydrogenase 10
Isotype:	IgG
Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by immunogen affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Validity:	12 months.
UniProt Primary AC:	Q99714 (UniProt , ExPASy)
Gene Symbol:	HSD17B10
GeneID:	3028
OMIM:	300256
HGNC:	4800
Ensembl:	ENSG00000072506
Molecular Weight:	Observed MW: 27 kDa
Buffer:	PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.
Concentration:	2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.