

ERAB Antibody

Catalog No: #21602

Package Size: #21602-1 50ul #21602-2 100ul

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

Description

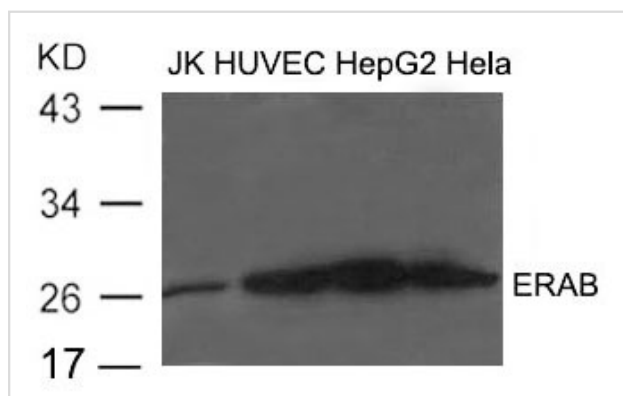
Product Name	ERAB Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total ERAB protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.253~257(L-D-G-A-I)derived from Human ERAB.
Target Name	ERAB
Other Names	ABAD; CAMR; HCD2; MHBD; HADH2
Accession No.	Swiss-Prot: Q99714NCBI Protein: NP_004484.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL 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 for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 27kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extract from JK, HUVEC, HepG2 and HeLa cells using ERAB Antibody #21602

Background

Functions in mitochondrial tRNA maturation. Part of mitochondrial ribonuclease P, an enzyme composed of MRPP1/RG9MTD1, MRPP2/HSD17B10

and MRPP3/KIAA0391, which cleaves tRNA molecules in their 5'-ends. By interacting with intracellular amyloid-beta, it may contribute to the neuronal dysfunction associated with Alzheimer disease (AD).

Holzmann J., Frank P., Loeffler E., Bennett K.L., Gerner C., Rossmanith W. Cell 135:462-474(2008)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.