

Affinity Biosciences website:www.affbiotech.com order:order@affbiotech.com

ERAB Ab

Images(1)

Cat.#: AF4051 Concn.: ~1mg/ml Mol.Wt.: 27kd
Size: Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:1000, IF/ICC 1:100-1:500

*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse, Rat

Storage: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02%

sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from

date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using

SulfoLinkTM Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human ERAB, corresponding to a

region within the internal amino acids.

Uniprot: Q99714

Description: 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).



Western blot analysis of extracts from mouse spleen, rat brain, using ERAB Ab.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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