

## anti- ERAB antibody

### Product Information

Catalog No.:	FNab02823
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

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).

### Immunogen information

Immunogen:	hydroxysteroid(17-beta) dehydrogenase 10
Synonyms:	17 beta HSD 10, 17b HSD10, ABAD, CAMR, DUPXp11.22, ERAB, HADH2, HCD2, HSD17B10, MHBD, MRPP2, MRX17, MRX31, MRXS10, SCHAD, SDR5C1, Type II HADH, XH98G2
Observed MW:	27 kDa
UniprotID :	Q99714

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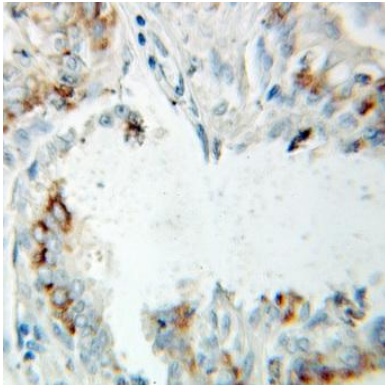
## Application

Reactivity: Human, Mouse, Rat

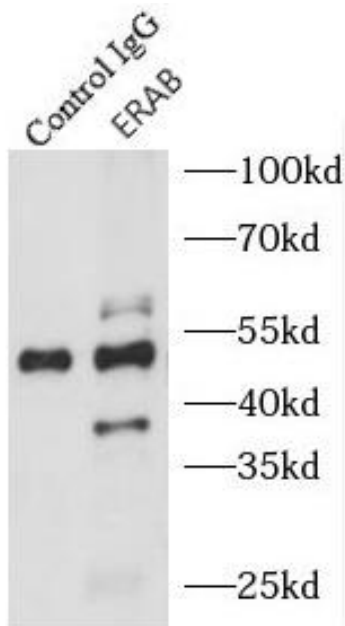
Tested Application: ELISA, WB, IHC, FC, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human breast cancer using FNab02823(HSD17B10 antibody) at dilution of 1:100



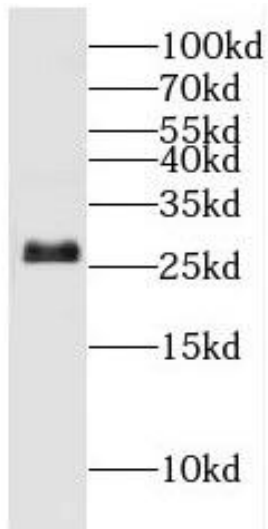
IP Result of anti-ERAB (IP:FNab02823, 4ug; Detection:FNab02823 1:500) with HeLa cells lysate 1200ug.

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HeLa cells were subjected to SDS PAGE followed by western blot with FNab02823(HSD17B10 antibody) at dilution of 1:1000

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