

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ERAB



Numéro de catalogue: 10648-1-AP

Phare

3 Publications

Informations de base

Numéro de catalogue:
10648-1-AP

Taille:
150ul, Concentration: 600 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1020

Numéro d'acquisition GenBank:
BC008708

Identification du gène (NCBI):
3028

Nom complet:
hydroxysteroid (17-beta) dehydrogenase 10

MW calculé

26 kDa

MW observés:

27 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:3000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200

Applications

Applications testées:
FC, IHC, IP, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules A2780, cellules HEK-293, tissu cérébral humain, tissu hépatique de souris

IP : cellules HeLa,

IHC : tissu de cancer du sein humain,

Informations générales

HSD17B10 (3-hydroxyacyl-CoA dehydrogenase type-2) is a multifunctional mitochondrial enzyme that acts on a wide spectrum of substrates, including neuroactive steroids, alcohols, leucine, and fatty acids, with a preference for short-chain methyl-branched acyl-CoAs (PMID:15860413). It has 2 isoforms produced by alternative splicing. Defects in HSD17B10 are the cause of 2-methyl-3-hydroxybutyryl-CoA dehydrogenase deficiency (MHBD deficiency) and mental retardation syndromic X-linked type 10 (MRXS10).

Publications notables

Autrice	Pubmed ID	Journal	Application
Min Liang	35567411	Hum Mol Genet	WB
Takuya Karasawa	33456007	J Oleo Sci	WB
Oliver Rackham	27498866	Cell Rep	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20°C

*** Les 20ul contiennent 0,1% de BSA.

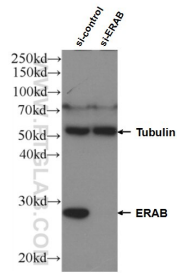
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

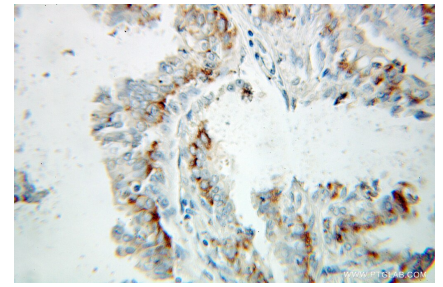
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées

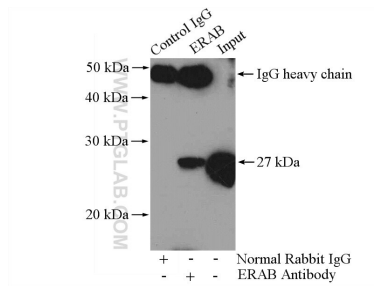


WB result of ERAB antibody (10648-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ERAB transfected HEK-293 cells.

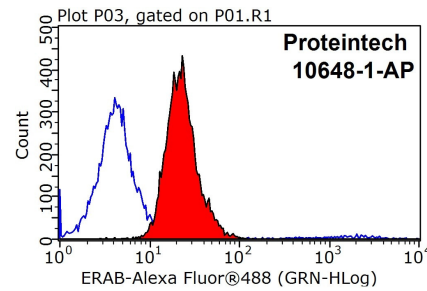
HeLa cells were subjected to SDS PAGE followed by western blot with 10648-1-AP (ERAB antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 10648-1-AP (ERAB antibody) at dilution of 1:100 (under 10x lens).



IP Result of anti-ERAB (IP:10648-1-AP, 4ug; Detection:10648-1-AP 1:500) with HeLa cells lysate 1200ug.



1x10⁶ MCF-7 cells were stained with 0.2ug ERAB antibody (10648-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.