

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HTR3A



Numéro de catalogue: 10443-1-AP

Phare

6 Publications

Informations de base

Numéro de catalogue: 10443-1-AP	Numéro d'acquisition GenBank: BC002354	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 260 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 3359	Dilutions recommandées: WB 1:500-1:1000 IHC 1:20-1:200
Hôte: Lapin	Nom complet: 5-hydroxytryptamine (serotonin) receptor 3A	
Isotype: IgG	MW calculé: 55 kDa	
Immunogen Catalog Number: AG0289	MW observés: 55 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, 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 : tissu pulmonaire de souris, tissu cérébral humain

IHC : tissu d'intestin grêle humain, tissu de cancer de la prostate humain

Informations générales

HTR3A (5-hydroxytryptamine receptor 3A, 5-HT3A) belongs to the ligand-gated ion channel receptor superfamily. It is the subunit A of the type 3 receptor for 5-hydroxytryptamine (5-HT, serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. So far, five distinct 5-HT3 receptor subunits (A-E) have been identified. HTR3A can form functional homomers or heteromers with HTR3B or HTR3C or HTR3D or HTR3E. 5-HT3 receptors are capable of mediating fast excitatory neurotransmission in the CNS and peripheral nervous system (PNS). (PMID: 23038271; 17073663)

Publications notables

Autrice	Pubmed ID	Journal	Application
Wen-Kai Bi	32171529	Biochem Biophys Res Commun	WB
Jing Guo	35865309	Front Endocrinol (Lausanne)	WB
Jian Tang	30405756	Oncol Lett	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 -20C

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

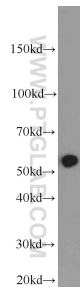
For technical support and original validation data for this product please contact:

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

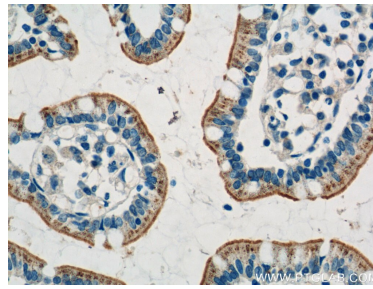
E: proteintech@ptglab.com
W: ptglab.com

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

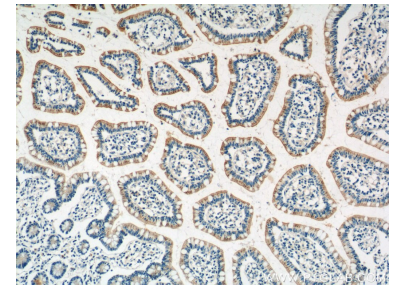
Données de validation sélectionnées



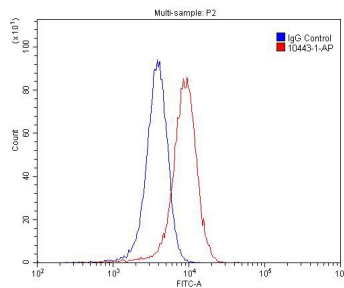
mouse lung tissue were subjected to SDS PAGE followed by western blot with 10443-1-AP (HTR3A antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 10443-1-AP (HTR3A Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 10443-1-AP (HTR3A Antibody) at dilution of 1:50 (under 10x lens).



1X10⁶ SH-SY5Y cells were stained with 0.2ug HTR3A antibody (10443-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.