

HTR1A Antibody

Catalog No: #36720

Package Size: #36720-1 50ul #36720-2 100ul

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

Description

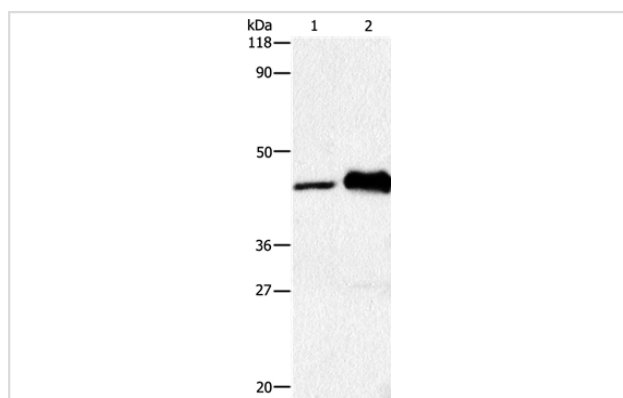
Product Name	HTR1A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous levels of total HTR1A protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human 5-hydroxytryptamine receptor 1A
Conjugates	Unconjugated
Target Name	HTR1A
Other Names	5-HT1A; ADRB2RL1; ADRBRL1
Accession No.	Swiss-Prot#: P08908NCBI Gene ID: 3350Gene Accssion: NP_000515
SDS-PAGE MW	46kd
Concentration	2.9mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:1000-1:5000

Immunohistochemistry: 1:100-1:300

Images



Gel: 8%SDS-PAGE

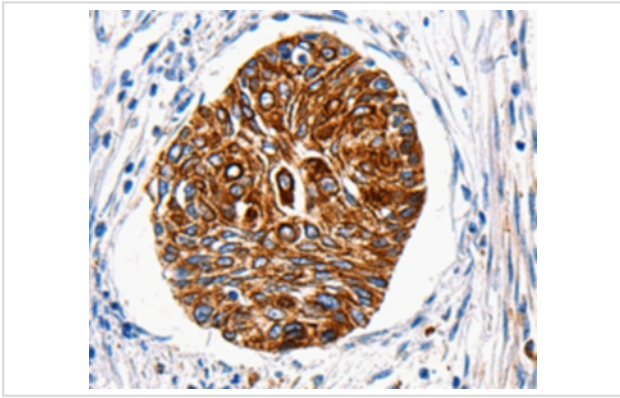
Lysates (from left to right): HT-29 cell and Mouse brain tissue

Amount of lysate: 30ug per lane

Primary antibody: 1/1500 dilution

Secondary antibody dilution: 1/8000

Exposure time: 2 minutes



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #36720 at dilution 1/100.

Background

This gene encodes a G protein-coupled receptor for 5-hydroxytryptamine (serotonin), and belongs to the 5-hydroxytryptamine receptor subfamily. Serotonin has been implicated in a number of physiologic processes and pathologic conditions. Inactivation of this gene in mice results in behavior consistent with an increased anxiety and stress response. Mutation in the promoter of this gene has been associated with menstrual cycle-dependent periodic fevers

Published Papers

Li Pin;Shen Yihang;Yin Xiaoqin;Zang Shaolian;Zhou Shasha et al., The epigenetic role of HTR1A antagonist in facilitating GnRH expression for pubertal initiation control, , (2021)

[PMID:34458005](#)

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