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Datasheet for ABIN677828

anti-Serotonin Receptor 4 antibody (AA 21-120)

1 Image

Overview

Quantity:	100 µL
Target:	Serotonin Receptor 4 (HTR4)
Binding Specificity:	AA 21-120
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human 5-HTR4
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	Serotonin Receptor 4 (HTR4)
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Target Details

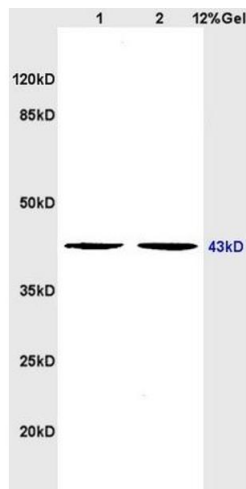
Alternative Name:	5HT4 Receptor (HTR4 Products)
Background:	Synonyms: 5-HT4, 5-HT4R, 5-hydroxytryptamine receptor 4, 5-HT-4, Serotonin receptor 4, HTR4 Background: This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins that stimulate adenylate cyclase.
Gene ID:	3360
UniProt:	Q13639
Pathways:	JAK-STAT Signaling , cAMP Metabolic Process , S100 Proteins

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. L1 rat brain, L2 rat heart lysates probed (ABIN677828) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted and observed band size: 43kDa.