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anti-Serotonin Receptor 4 antibody (N-Term)





Overview	
Quantity:	400 μL
Target:	Serotonin Receptor 4 (HTR4)
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Serotonin Receptor 4 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This HTR4 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 1-30 amino acids from the N-terminal region of human HTR4.
Clone:	RB32049
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	Serotonin Receptor 4 (HTR4)
Alternative Name:	HTR4 (HTR4 Products)
Background:	This gene is a member of the family of serotonin receptors, which are G protein coupled

Target Details

	receptors that stimulate cAMP production in response to serotonin (5-hydroxytryptamine). The
	gene product is a glycosylated transmembrane protein that functions in both the peripheral and
	central nervous system to modulate the release of various neurotransmitters. Multiple
	transcript variants encoding proteins with distinct C-terminal sequences have been described.
Molecular Weight:	43761
Gene ID:	3360
NCBI Accession:	NP_000861, NP_001035259, NP_001035262, NP_001035263, NP_955525
UniProt:	Q13639

Application Details

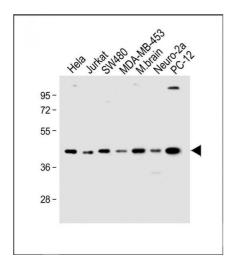
Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

JAK-STAT Signaling, cAMP Metabolic Process, S100 Proteins

Handling

Pathways:

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	HTR4 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. All lanes: Anti-HTR4 Antibody (N-term) at 1:1000 dilution Lane 1: Hela whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: S whole cell lysate Lane 4: MDA-MB-453 whole cell lysate Lane 5: Mouse brain lysate Lane 6: Neuro-2a whole cell lysate Lane 7: PC-12 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 44 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.