



Anti-HTR7 polyclonal antibody (DPAB-DC1637)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The neurotransmitter, serotonin, is thought to play a role in various cognitive and behavioral functions. The serotonin receptor encoded by this gene belongs to the superfamily of G protein-coupled receptors and the gene is a candidate locus for involvement in autistic disorder and other neuropsychiatric disorders. Three splice variants have been identified which encode proteins that differ in the length of their carboxy terminal ends.
Immunogen	A synthetic peptide corresponding to human HTR7. The sequence is QNADYCRKKGHDS
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Cell lysate), ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	HTR7 5-hydroxytryptamine (serotonin) receptor 7, adenylate cyclase-coupled [Homo sapiens (human)]
Official Symbol	HTR7
Synonyms	HTR7; 5-hydroxytryptamine (serotonin) receptor 7, adenylate cyclase-coupled; 5-HT7; 5-hydroxytryptamine receptor 7; 5-HT-7; 5-HT-X; 5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled);
Entrez Gene ID	3363
Protein Refseq	NP_000863
UniProt ID	P34969
Chromosome Location	10q21-q24
Pathway	Amine ligand-binding receptors; Calcium signaling pathway; G alpha (s) signalling events; GPCR ligand binding
Function	serotonin receptor activity;
