



Anti-HTR3D (N-terminal) polyclonal antibody (CABT-BL1879)

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

PRODUCT INFORMATION

Immunogen	A synthetic peptide from the N terminal region of Human 5HT3D Receptor conjugated to an immunogenic carrier protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	WB, IHC-P, IHC-Fr
Cellular Localization	Cell membrane; Multi-pass membrane protein. Note: Presumably retained within the endoplasmic reticulum unless complexed with HTR3A.
Format	Liquid
Buffer	Whole serum
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C (add glycerol to a final volume of 40% for extra stability). Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction The protein encoded this gene belongs to the ligand-gated ion channel receptor superfamily.

This gene encodes subunit D of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a mitogen and a hormone. This hormone has been linked to neuropsychiatric disorders, including anxiety, depression, and migraine. Serotonin receptors causes fast and depolarizing responses in neurons following activation. The genes encoding subunits C, D and E of this type 3 receptor form a cluster on chromosome 3. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

GENE INFORMATION

Entrez Gene ID	200909
Protein Refseq	NP_001157118
UniProt ID	Q70Z44
