

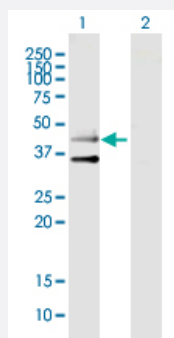
MaxPab®

HTR3B purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009177-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HTR3B expression in transfected 293T cell line ([H00009177-T01](#)) by HTR3B MaxPab polyclonal antibody.

Lane 1: HTR3B transfected lysate(50.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human HTR3B protein.

Immunogen

HTR3B (NP_006019.1, 1 a.a. ~ 441 a.a) full-length human protein.

Sequence

MLSSVMAPLWACILVAAGILATDTHHPQDSALYHLSKQLLQKYHKEVRPVYNWTKATTVYLDLFVH
AILDVDAENQILKTSVWYQEVWNDEFLSWNSSMFDEIREISLPLSAMAPDIIINEFVDIERYPDLPPY
YVNSSGTIENYKPIQVVSACSLETYAFPFDVQNCSTFKSILHTVEDVDLAFLRSPEDIQHDKKAFL
NDSEWELLSVSSTYSILQSSAGGFAQIQFNVMRRHPLVYVVSLLIPSIFLMLVDLGSFYLPNCRA
RIVFKTSVLVGYTVFRVNMSNQVPRSVGSTPLIGHFFTCMAFLVLSLAKSVLVKFLHDEQRGGQE
QPFLCLRGD TDADRPRVEPRAQRAVVTESSLYGEHLAQPGTLKEVWSQLQSSISNYLQTQDQTDQ
QEAEWLVLLSRFDRLLFQSYLFMLGIYTITLCSLWALWGGV

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — HTR3B

Entrez GeneID [9177](#)

GeneBank Accession# [NM_006028.3](#)

Protein Accession# [NP_006019.1](#)

Gene Name HTR3B

Gene Alias 5-HT3B

Gene Description 5-hydroxytryptamine (serotonin) receptor 3B

Omim ID [604654](#)

Gene Ontology [Hyperlink](#)

Gene Summary The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit B of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. It appears that the heteromeric combination of A and B subunits is necessary to provide the full functional features of this receptor, since either subunit alone results in receptors with very low conductance and response amplitude. [provided by RefSeq]

Other Designations 5-hydroxytryptamine 3 receptor B subunit|serotonin-gated ion channel subunit

Disease

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- [Antisocial Personality Disorder](#)

- [Anxiety Disorders](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Breast cancer](#)
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