

Dopamine D3 receptor Polyclonal Antibody

Catalog: BS65798

Host: Rabbit

Reactivity: Human, Mouse, Rat,

BackGround:

This is one of the five types (D1 to D5) of receptors for dopamine. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase. This receptor is expressed in phylogenetically older regions of the brain, suggesting that it plays a role in cognitive and emotional functions. It is a target for drugs which treat schizophrenia, drug addiction, and Parkinson disease. Alternative splicing of this gene results in multiple transcript variants that would encode different isoforms, although some variants may be subject to nonsense-mediated decay (NMD). Also known as: dopamine D3 receptor; 3 dopamine receptor; D; Dopamine receptor D3; DRD; ETM1; FET1.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

~48 kDa

Swiss-Prot:

P30728

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000 IHC-P=1:100-500

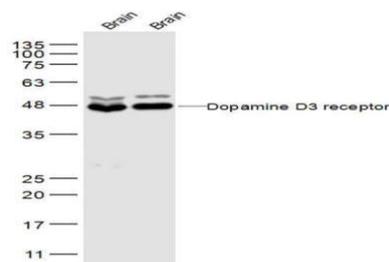
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -29 °C long term. Avoid freeze-thaw cycles.

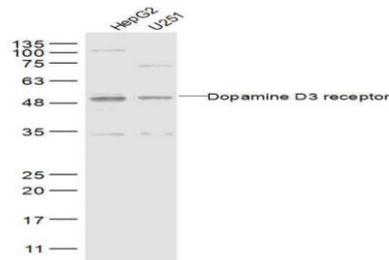
Specificity:

Dopamine D3 receptor Polyclonal Antibody detects endogenous levels of Dopamine D3 receptor protein.

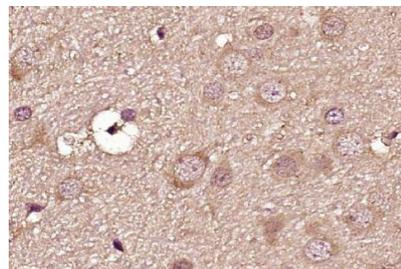
DATA:



Primary: Anti-Dopamine D3 receptor at 1/300 dilution



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Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (Dopamine D3 receptor) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4 °C

Note:

For research use only, not for use in diagnostic procedure.

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