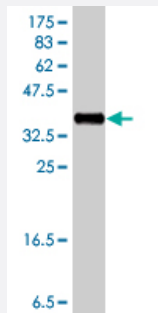


PDE10A polyclonal antibody (A01)

Catalog # H00010846-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.23 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PDE10A.
Immunogen	PDE10A (NP_006652, 242 a.a. ~ 333 a.a) partial recombinant protein with GST tag.
Sequence	GLAKQTELNDFLLDVSKTYFDNVAIDSLLEHIMYAKNLVNADRCALFQVDHKNKELYSDLFDIGEE KEGKPVFKKTKEIRFSIEKGIAGQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (100)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.23 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PDE10A

Entrez GeneID [10846](#)

GeneBank Accession# [NM_006661](#)

Protein Accession# [NP_006652](#)

Gene Name PDE10A

Gene Alias FLJ11894, FLJ25677, HSPDE10A

Gene Description phosphodiesterase 10A

Omim ID [610652](#)

Gene Ontology [Hyperlink](#)

Gene Summary Various cellular responses are regulated by the second messengers cAMP and cGMP. Phosphodiesterases, such as PDE10A, eliminate cAMP- and cGMP-mediated intracellular signaling by hydrolyzing the cyclic nucleotide to the corresponding nucleoside 5-prime monophosphate (Fujishige et al., 2000 [PubMed 10998054]).[supplied by OMIM]

Other Designations OTTHUMP00000017586|dJ416F21.1 (phosphodiesterase 10A)|phosphodiesterase 10A1 (PDE 10A1)

Pathway

- [Purine metabolism](#)

Disease

- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Schizophrenia](#)
- [Thyroid Diseases](#)
- [Tobacco Use Disorder](#)
- [Vitiligo](#)