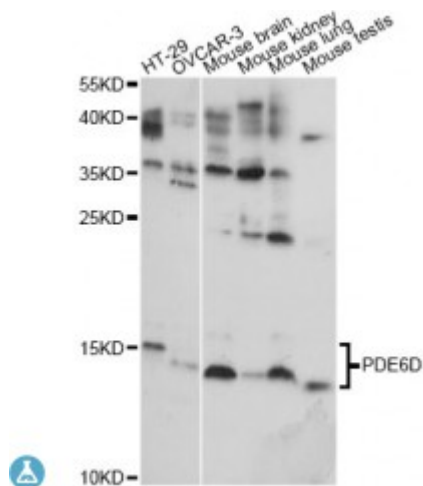


Anti-PDE6D Antibody



Description

This gene encodes the delta subunit of rod-specific photoreceptor phosphodiesterase (PDE), a key enzyme in the phototransduction cascade. A similar protein in cow functions in solubilizing membrane-bound PDE. In addition to its role in the PDE complex, the encoded protein is thought to bind to prenyl groups of proteins to target them to subcellular organelles called cilia. Mutations in this gene are associated with Joubert syndrome-22. Alternative splicing results in multiple splice variants.

Model	STJ116962
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human PDE6D (NP_002592.1).
Gene ID	5147
Gene Symbol	PDE6D
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Widely expressed, Detected in various tissues including spleen, prostate gland, testis, ovary, small intestine, colon, retina, and peripheral blood
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Retinal rod rhodopsin-sensitive cGMP 3',5'-cyclic phosphodiesterase subunit delta GMP-PDE delta Protein p17

Molecular Weight	17.42 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:8788OMIM:602676Reactome:R-HSA-5624958
Alternative Names	Retinal rod rhodopsin-sensitive cGMP 3',5'-cyclic phosphodiesterase subunit delta GMP-PDE delta Protein p17
Function	Promotes the release of prenylated target proteins from cellular membranes ,
Cellular Localization	Cytoplasm, cytosol

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