ANTIBODIES ONLINE

Datasheet for ABIN5517276

anti-PDE6D antibody (N-Term)

Overview

Quantity:	100 μL
Target:	PDE6D
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE6D antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human PDE6D
Sequence:	NLRDAETGKI LWQGTEDLSV PGVEHEARVP KKILKCKAVS RELNFSSTEQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against PDE6D. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PDE6D
Alternative Name:	PDE6D (PDE6D Products)

Target Details

Background:	PDE6D acts as a GTP specific dissociation inhibitor (GDI). It increases the affinity of ARL3 for GTP by several orders of magnitude and does so by decreasing the nucleotide dissociation rate. It stabilizes ARL3-GTP by decreasing the nucleotide dissociation. Alias Symbols: PDE6D, PDED, Protein Interaction Partner: ARL16, ARL2, UBC, PTGIR, COPS5, CUL1, FAM219A, ARL15, RND1, GRK7, RAD23A, ARL3, CETN3, RAB13, RAB18, RHEB, RPGR, HRAS, GRK1, RAP2B, RAP1A, RHOA, RHOB, RAB8A, GNAI1, RASA1, CDC42, Protein Size: 150
Gene ID:	5147
NCBI Accession:	NP_002592
UniProt:	O43924

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.