

Anti-PDE1B antibody (190-536) (STJ24930)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

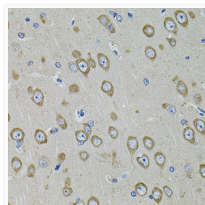
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 61kDa Observed Mw: 59kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

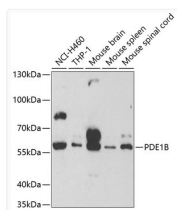
Gene ID	5153
Gene Symbol	PDE1B
UniProt ID	PDE1B_HUMAN
Immunogen Region	190-536
Immunogen Sequence	RHNLISRFKIPTVFLMSFLD ALETGYGKYKNPYHNQIHAA DVTQTVHCFLLRGTGMVHCLS EIELLAIFAAAIHDYEHTG TTNSFHIQTKSECAIVYNDR SVLENHHISSVFRLMQDDEM NIFINLTKDEFVELRALVIE MVLATDMSCHFQQVKTMKTA LQQLERIDKPKALSLLLHAA DISHPTKQWLVHSRWTKALM EEFRRQGDKEAELGLPFSPL CDRTSTLVAQSQIGFIDFI
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 190-536 of human PDE1B (NP_000915.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunohistochemistry analysis of paraffin-embedded rat brain using PDE1B antibody (STJ24930) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using PDE1B antibody (STJ24930) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.