

Product datasheet for **TA308688**

PDE9A Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human, Mouse (Predicted: Rat)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 216 of PDE9A (Uniprot ID#O76083)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	69 kDa
Gene Name:	phosphodiesterase 9A
Database Link:	NP_001001585 Entrez Gene 18585 Mouse Entrez Gene 191569 Rat Entrez Gene 5152 Human O76083
Background:	The protein encoded by this gene catalyzes the hydrolysis of cAMP and cGMP to their corresponding monophosphates. The encoded protein plays a role in signal transduction by regulating the intracellular concentration of these cyclic nucleotides. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq]
Synonyms:	HSPDE9A2
Note:	Seq homology of immunogen across species: Rat (96%)

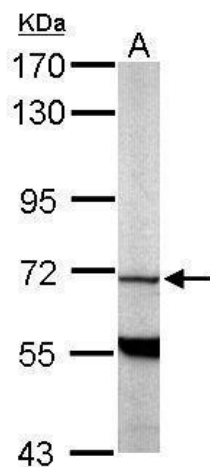


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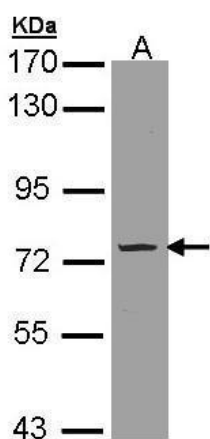
Protein Families: Druggable Genome

Protein Pathways: Progesterone-mediated oocyte maturation, Purine metabolism

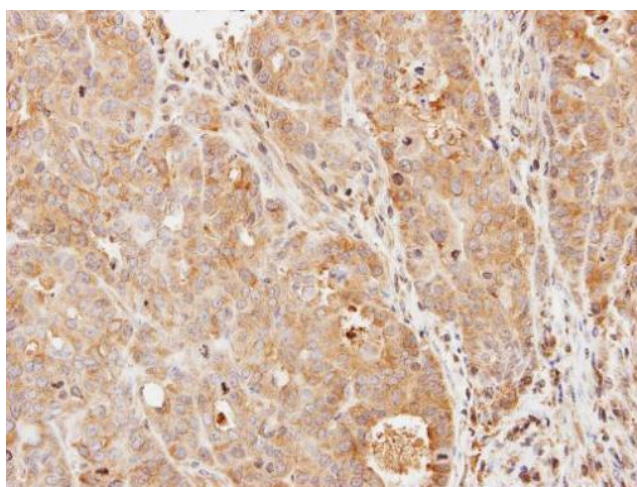
Product images:



Sample (50 ug of whole cell lysate). A: Mouse brain. 7.5% SDS PAGE. TA308688 diluted at 1:1000.



Sample (30 ug of whole cell lysate). A: 293T. 7.5% SDS PAGE. TA308688 diluted at 1:3000



Immunohistochemical analysis of paraffin-embedded N87 xenograft, using PDE9A (TA308688) antibody at 1:500 dilution.