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Datasheet for ABIN2782354
anti-PDE9A antibody (N-Term)

7 Images

Overview

Quantity:	100 µL
Target:	PDE9A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE9A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PDE9A
Sequence:	SDIKKMREEL AARSSRTNCP CKYSFLDNHK KLTPRRDVPT YPKYLLSPET
Predicted Reactivity:	Cow: 92%, Dog: 79%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against PDE9A. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	PDE9A
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Target Details

Alternative Name:	PDE9A (PDE9A Products)
Background:	<p>PDE9A catalyzes the hydrolysis of cAMP and cGMP to their corresponding monophosphates. The protein plays a role in signal transduction by regulating the intracellular concentration of these cyclic nucleotides. 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.</p> <p>Alias Symbols: HSPDE9A2</p> <p>Protein Interaction Partner: NAA38, UTP23, KRTAP9-2, TRPV6, GORASP2, TRIM32, BAG3, LAGE3, SULT1E1, PDE9A, LMO2, CRY2, CLK1, C9orf106, NOTCH2NL, KRTAP10-3, KRTAP10-8, KRTAP4-2, PHYHIPL,</p> <p>Protein Size: 526</p>
Molecular Weight:	61 kDa
Gene ID:	5152
NCBI Accession:	NM_001001581 , NP_001001581

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 526 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
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.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

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.

Images

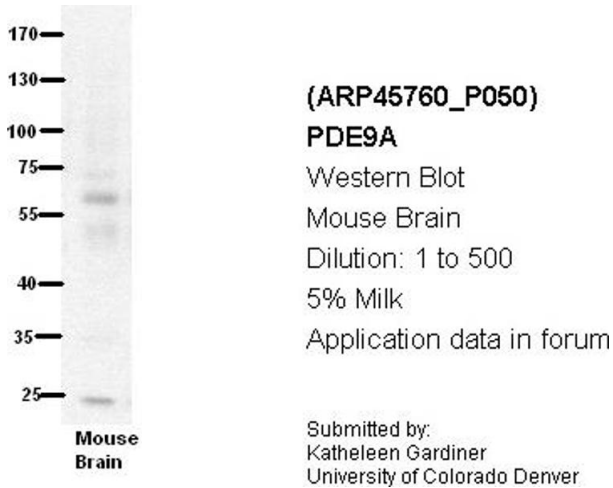
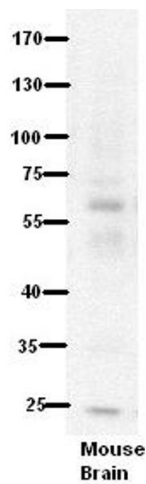
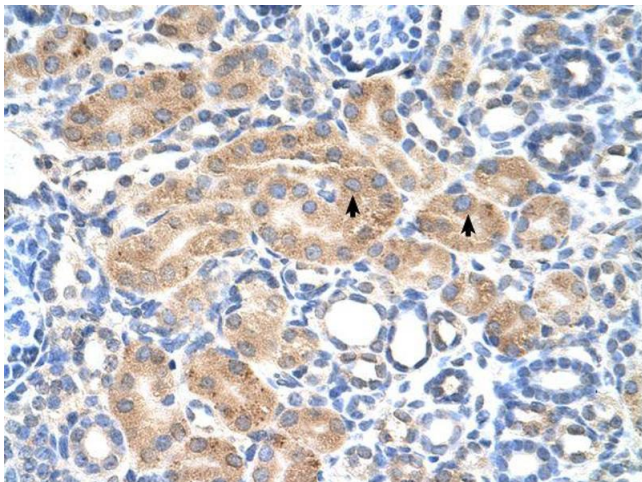


Image 1.



Western Blotting

Image 2. WB Suggested Anti-PDE9A Antibody Titration: 5% Milk ELISA Titer: dilution: 1:500 Positive Control: Mouse Brain lysate



Immunohistochemistry

Image 3.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN2782354.