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Datasheet for ABIN5514456 **anti-PDE10A antibody (N-Term)**

Overview

Quantity:	100 µL
Target:	PDE10A
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Dog, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human PDE10A
Sequence:	SLHPQVLDEF VSESVAETV EKWLKRKNNK SEDESAPKEV SRYQDTNMQG
Predicted Reactivity:	Dog: 93%, Horse: 93%, Human: 100%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against PDE10A. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PDE10A
Alternative Name:	PDE10A (PDE10A Products)
Background:	The protein encoded by this gene belongs to the cyclic nucleotide phosphodiesterase family. It

Target Details

plays a role in signal transduction by regulating the intracellular concentration of cyclic nucleotides. This protein can hydrolyze both cAMP and cGMP to the corresponding nucleoside 5' monophosphate, but has higher affinity for cAMP, and is more efficient with cAMP as substrate. Alternatively spliced transcript variants have been described for this gene.

Alias Symbols: PDE10A,

Protein Interaction Partner: TOP1, UBC, WDR3, CASP3,

Protein Size: 779

Gene ID:	10846
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UniProt:	Q9Y233
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Pathways:	cAMP Metabolic Process
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Application Details

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

Format:	Liquid
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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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.
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