

DPP10 Polyclonal Antibody

Catalog NumberPA5-32725

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Bovine, Horse, Human, Non-human primate, Rabbit
Host/Isotope	Rabbit / IgG		
Class	Polyclonal	Tested Applications	
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	Dilution *20 µg/mL
Immunogen	Synthetic 15 amino acid peptide from extracellular domain of human DPP10.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey, Marmoset, Bovine, Panda, Horse, Rabbit, Pig (100%); Gibbon, Dog (93%); Bat, Elephant (87%). For IHC(P), use heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen.

Background/Target Information

A novel gene, DPP10, encodes a homolog of dipeptidyl peptidases (DPPs) that cleave terminal dipeptides from cytokines and chemokines, and it presents a potential new target for asthma therapy. The DPP10 protein shares features with members of the S9B family of DPP serine proteases, which includes DPP4, a widely expressed enzyme that plays a central role in chemokine processing as part of the innate immune system. The locus displays a complex pattern of transcript splicing, with eight alternate first exons; four of which localize within the LD block strongly associated with asthma.

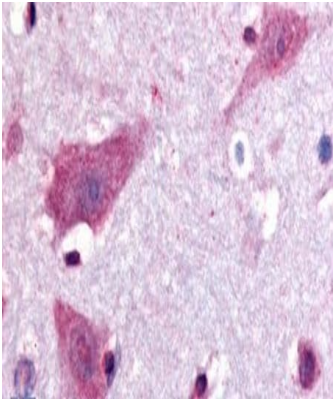
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Product Images For DPP10 Polyclonal Antibody



DPP10 Antibody (PA5-32725) in IHC (P)
Immunohistochemical analysis of formalin-fixed paraffin-embedded human brain, neurons using a DPP10 polyclonal antibody (Product # PA5-32725). Heat-induced antigen retrieval was performed prior to staining.

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