

DPP10 Polyclonal Antibody

CATALOG #:	3898-200
AMOUNT:	200 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide surrounding amino acid 642 of mouse DPP10 (Internal ID# BV-B41)
SPECIES REACTIVITY:	Human, Mouse, Rat

FORMULATION:

200 µg (0.5 mg/ml) affinity purified rabbit DPP10 polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and refreeze at -70°C. Avoid repeated freeze/defrost cycles.

DESCRIPTION:

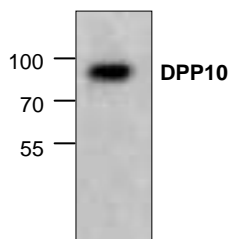
Dipeptidyl peptidase 10 or DPP10 is a single-pass type II membrane protein that belongs to the S9B family of DPP serine proteases. The conserved serine residue which normally found in the serine proteases family is not present in DPP10. Thus, DPP10 has no detectable proteases activity as the active serine site is replaced by a glycine residue. DPP10 cleaves the terminal dipeptides from cytokines and chemokines and also facilitates the voltage-gated potassium channels. It is expressed mostly in the brain and is a potential target for asthma treatment.

SPECIFICITY:

The antibody recognizes ~90-97 kDa DPP10 in samples from human, mouse and rat origins.

APPLICATIONS:

The antibody can be used in Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3898BP-50) is available separately.



Cat.#: 3898-100
Western blot analysis of DPP10 expression in Jurkat cell lysate.

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