DPP6 Monoclonal Antibody

Catalog No	YP-mAb-07112
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	DPP6
Protein Name	Dipeptidyl aminopeptidase-like protein 6 (DPPX) (Dipeptidyl aminopeptidase-related protein) (Dipeptidyl peptidase 6) (Dipeptidyl peptidase IV-like protein) (Dipeptidyl peptidase VI) (DPP VI)
Immunogen	Synthesized peptide derived from human protein . at AA range: 750-830
Specificity	DPP6 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	95kD
Cell Pathway	Cell membrane ; Single-pass type II membrane protein .
Tissue Specificity	Expressed predominantly in brain.
Function	disease:Genetic variation in DPP6 may influence susceptibility to amyotrophic lateral sclerosis (ALS). ALS is a severely disabling and lethal disorder caused by progressive degeneration of motor neurons in the brain, spinal cord and brainstem.,function:May be involved in the physiological processes of brain function. Has no dipeptidyl aminopeptidase activity. May modulate the cell surface expression and the activity of the potassium channel KCND2.,similarity:Belongs to the peptidase S9B family.,subunit:Homodimer. Binds KCND2.,tissue specificity:Expressed predominantly in brain.,
Background	This gene encodes a single-pass type II membrane protein that is a member of the peptidase S9B family of serine proteases. This protein has no detectable protease activity, most likely due to the absence of the conserved serine residue normally present in the catalytic domain of serine proteases. However, it does bind specific voltage-gated potassium channels and alters their expression and biophysical properties. Variations in this gene may be associated with

	susceptibility to amyotrophic lateral sclerosis and with idiopathic ventricular fibrillation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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