

DPEP1 rabbit pAb

Catalog No :	YN6136
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	DPEP1
Gene Name :	DPEP1 MDP RDP
Protein Name :	Dipeptidase 1 (EC 3.4.13.19) (Dehydropeptidase-I) (Microsomal dipeptidase) (Renal dipeptidase) (hRDP)
Human Gene Id :	1800
Human Swiss Prot No :	P16444
Mouse Gene Id :	13479
Mouse Swiss Prot No :	P31428
Rat Gene Id :	94199
Rat Swiss Prot No :	P31430
Immunogen :	Synthesized peptide derived from human DPEP1
Specificity :	This antibody detects endogenous levels of DPEP1 at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)**Molecularweight :** 45kD**Function :** Hydrolyzes a wide range of dipeptides including the conversion of leukotriene D4 to leukotriene E4 . Hydrolyzes cystinyl-bis-glycine (cys-bis-gly) formed during glutathione degradation (By similarity). Possesses also beta lactamase activity and hydrolytically inactivates beta-lactam antibiotics . ; Independently of its dipeptidase activity, acts as an adhesion receptor for neutrophil recruitment from bloodstream into inflamed lungs and liver.**Subcellular Location :** Apical cell membrane ; Lipid-anchor, GPI-anchor . Cell projection, microvillus membrane ; Lipid-anchor, GPI-anchor . Brush border membrane. .**Expression :** Expressed in lung and kidneys.

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