

bs-14414R

[Primary Antibody]

DPEP1 Rabbit pAb



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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse) Predicted MW.: 44 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 1800	SWISS: P16444	
Target: DPEP1		
Immunogen: KLH conjugated synthetic peptide derived from human DPEP1: 201-300/411.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: The protein encoded by this gene is a kidney membrane enzyme involved in the metabolism of glutathione and other similar proteins by dipeptide hydrolysis. The encoded protein is known to regulate leukotriene activity by catalyzing the conversion of leukotriene D4 to leukotriene E4. This protein uses zinc as a cofactor and acts as a disulfide-linked homodimer. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jan 2012]		

— SELECTED CITATIONS —

- **[IF=5.6]** Yan Li. et al. Dipeptidase 1 promotes ferroptosis in renal tubular epithelial cells in diabetic nephropathy via inhibition of the GSH/GPX4 axis. INT IMMUNOPHARMACOL. 2024 May;133:111955 IHC ;Mouse. 38626544