

bs-12933R**[Primary Antibody]****CTRB1 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) 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, Rat, Cow) Predicted MW.: 14/26 kDa Subcellular Location: Secreted ,Extracellular matrix
Clonality: Polyclonal		
GeneID: 1504	SWISS: P17538	
Target: CTRB1		
Immunogen: KLH conjugated synthetic peptide derived from human Chymotrypsin B chain B: 121-230/263.		
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: Chymotrypsins are digestive enzymes that can perform proteolysis by cleaving peptides at the carboxyl side of tyrosine, tryptophan, leucine and phenylalanine, although over time they can also hydrolyze other amide bonds, especially those with leucine-donated carboxyls. Chymotrypsins cleave peptide bonds by attacking the non-reactive carbonyl group with a powerful nucleophile, which momentarily becomes covalently bonded to the substrate to form an intermediate. Chymotrypsin B (CTRB1) and Chymotrypsin B2 (CTRB2) are synthesized in the pancreas by protein biosynthesis as precursors that are enzymatically inactive, but become active as three polypeptide molecules that are interconnected by disulfide bonds.		

— SELECTED CITATIONS —

- **[IF=2.1]** Wang Han. et al. Adiponectin attenuates H2O2-induced apoptosis in chicken skeletal myoblasts through the lysosomal-mitochondrial axis. IN VITRO CELL DEV-AN. 2024 Feb;;1-10 WB ;Chicken. 38427138