

CATS rabbit pAb

Cat No.:ES11006

For research use only

Overview

Product Name	CATS rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CATS Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Cathepsin S (EC 3.4.22.27)
Gene Name	CTSS
Cellular localization	Lysosome . Secreted . Cytoplasmic vesicle, phagosome .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	36kD
Human Gene ID	1520
Human Swiss-Prot Number	P25774
Alternative Names	
Background	The protein encoded by this gene, a member of the peptidase C1 family, is a lysosomal cysteine proteinase that may participate in the degradation of antigenic proteins to peptides for presentation on MHC class II molecules. The encoded protein can function as an elastase over a broad pH range in alveolar macrophages. Alternatively spliced transcript variants encoding distinct isoforms have



been found for this gene. [provided by RefSeq, Dec 2010],

Western blot analysis of lysates from HCT116 cells,
primary antibody was diluted at 1:1000, 4° over night

