

CD10 Rabbit pAb

Cat No: HR1APEA321

For research use only

Overview

Product Name	CD10 Rabbit pAb
Source	Rabbit
Applications	IHC
Species Reactivity	Human,Rat,Mouse
Recommended Dilutions	IHC 1:200-500
Immunogen	
Species	Rabbit
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1mg/ml
Observed band	85kDa
GeneID?Human?	4311
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	CALLA, Enkephalinase,MME,NEP, Neutral endopeptidase antibody
Background	CD10 is a zinc-dependent metalloprotease enzyme that degrades a number of small secreted peptides, most notably the amyloid beta peptide whose abnormal misfolding and aggregation in neural tissue has been implicated as a cause of Alzheimer's disease. Synthesized as a membrane-bound protein, the neprilysin ectodomain is released into the extracellular domain after it has been transported from the Golgi apparatus to the cell surface. In neurons, neprilysin is regulated by the protein nicastrin, a component of the gamma secretase complex that performs a necessary step in processing amyloid precursor protein to amyloid beta.