CD10 Antibody

Catalog No: #21490

Package Size: #21490-1 50ul #21490-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

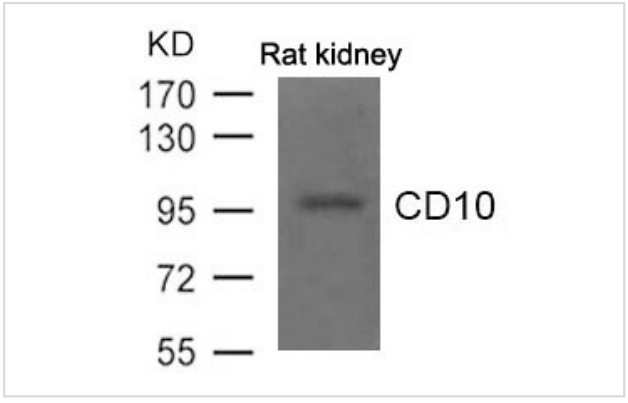
Product Name	CD10 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total CD10 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.6~10(S-Q-M-D-I) derived from Human CD10.
Conjugates	Unconjugated
Target Name	CD10
Other Names	NEP; MME; SFE; CALLA; MGC126681
Accession No.	Swiss-Prot: P08473NCBI Protein: NP_000893.2
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 100kd

Western blotting: 1:500

Images



Western blot analysis of extract from Rat kidney tissue using CD10 Antibody #21490

Background

Thermolysin-like specificity, but is almost confined on acting on polypeptides of up to 30 amino acids. Biologically important in the destruction of opioid peptides such as Met- and Leu-enkephalins by cleavage of a Gly-Phe bond. Able to cleave angiotensin-1, angiotensin-2 and angiotensin 1-9. Involved in the degradation of atrial natriuretic factor (ANF). Displays UV-inducible elastase activity toward skin preelastic and elastic fibers.

Yandle T.G., Brennan S.O., Espiner E.A., Nicholls M.G., Richards A.M.Peptides 10:891-894(1989)

Rice G.I., Thomas D.A., Grant P.J., Turner A.J., Hooper N.M.Biochem. J. 383:45-51(2004)

Morisaki N., Moriwaki S., Sugiyama-Nakagiri Y., Haketa K., Takema Y., Imokawa G.J. Biol. Chem. 285:39819-39827(2010)