

ADAM 17 (Phospho-Thr735) Antibody

Catalog No: #12033

Package Size: #12033-1 50ul #12033-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

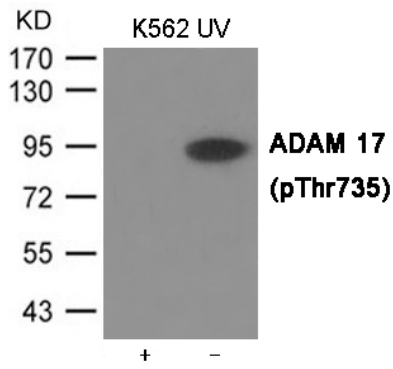
Product Name	ADAM 17 (Phospho-Thr735) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of ADAM 17 only when phosphorylated at Threonine 735.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Threonine 735 (P-Q-T(p)-P-G) derived from Human ADAM 17.
Target Name	ADAM17
Modification	Phospho
Other Names	CSVP, TACE, NISBD, ADAM18, CD156B
Accession No.	Swiss-Prot#: P78536; NCBI Gene#: 6868; NCBI Protein#: NP_003174.3
Uniprot	P78536
GeneID	6868;
SDS-PAGE MW	93kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Predicted MW: 93kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from K562 cells treated with UV using ADAM 17 (Phospho-Thr735) Antibody #12033. The lane on the left is treated with the antigen-specific peptide.

Background

Cleaves the membrane-bound precursor of TNF-alpha to its mature soluble form. Responsible for the proteolytic release of soluble JAM3 from endothelial cells surface. Responsible for the proteolytic release of several other cell-surface proteins, including p75 TNF-receptor, interleukin 1 receptor type II, p55 TNF-receptor, transforming growth factor-alpha, L-selectin, growth hormone receptor, MUC1 and the amyloid precursor protein. Also involved in the activation of Notch pathway.

Note: This product is for in vitro research use only