

Product Datasheet

ADAM17 Antibody

Catalog No: CY6698

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB ICC/IF IP FC



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Information

UniProt ID: P78536

All Names: Disintegrin and metalloproteinase domain-containing protein 17; Snake venom-like protease; TNF-alpha-converting enzyme; CD156b; ADAM17; CSVP; TACE;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 100 kDa

Application

WB 1:500~1:2000

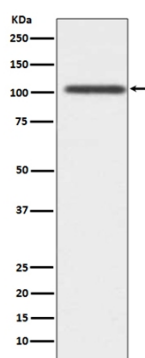
ICC/IF 1:50~1:200

IP 1:50

FC 1:100

Background

TACE is responsible for the shedding of EGFR ligands such as amphiregulin and TNF- α . Some tumors have hyperactivated EGFR due to upregulated TNF- α production and upregulated TACE, making TACE a potential target for drug development. TACE activates Notch in a ligand-independent manner and has been shown to play a role in the development of the Drosophila nervous system. TACE has also been proposed to act as α -secretase for amyloid precursor protein (APP), and to be involved in the renewal and proliferation of neural stem cells.



Western blot analysis of ADAM17 expression in HeLa cell lysate.

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