

ADAM12-L polyclonal antibody

Catalog: BS61825

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

ADAM (a disintegrin and metalloprotease) proteins are a family of over 30 membrane-anchored, glycosylated, Zn²⁺ dependent proteases that are involved in cell-cell, cell-matrix interface related processes including fertilization, muscle fusion, secretion of TNF (tumor necrosis factor α), and modulation of the neurogenic function of Notch and Delta. ADAM proteins possess a signal domain, a pro-domain, a metalloprotease domain, a disintegrin domain (integrin ligand), a cysteine-rich region, an epidermal growth factor-like domain, a trans-membrane domain and a cytoplasmic tail. ADAMs are expressed in brain, testis, epididymis, ovary, breast, placenta, liver, heart, lung, bone and muscle, and catalyze proteolysis, adhesion, fusion and intracellular signaling. ADAM12 (Meltrin- α) is produced as 2 differentially spliced isoforms, a 718 amino acid secreted form (ADAM12S) and a 881 amino acid membrane-bound form (ADAM12L), and is involved in egg-sperm fusion.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

~ 100 kDa

Swiss-Prot:

O43184

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

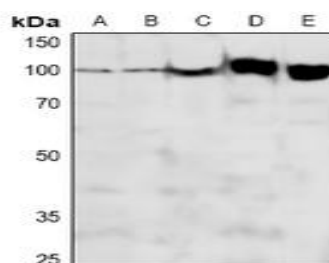
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

ADAM12-L polyclonal antibody detects endogenous levels of ADAM12-L protein.

DATA:



Western blot (WB) analysis of ADAM12-L polyclonal antibody at 1:500 dilution

LaneA:PC3 whole cell lysate(40ug)

LaneB:HCT116 whole cell lysate(40ug)

LaneC:U-87MG whole cell lysate(40ug)

LaneD:The Brain tissue lysate of Mouse(40ug)

LaneE:The Brain tissue lysate of Rat(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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