

Cleaved-ADAM12 (E208) polyclonal antibody

Catalog: BCP00513

Host: Rabbit

Reactivity: Human, Mouse, Rat

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 factorlike 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:

~ 77, 99 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:

Cleaved-ADAM12 (E208) polyclonal antibody detects endogenous levels of Cleaved-ADAM12 protein.

DATA:



Western blot (WB) analysis of Cleaved-ADAM12 (E208) polyclonal antibody at 1:500 dilution

Lane1:U-87MG whole cell lysate(40ug)

Lane2:Hela whole cell lysate(40ug)

Lane3:The Embryo tissue lysate of Mouse(40ug)

Lane4:H9C2 whole cell lysate(40ug)

Lane5:HepG2 whole cell lysate(40ug)

Note:

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