

ADAM10 polyclonal antibody

Catalog: BS90028

Host: Rabbit

Reactivity: Human

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 α (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. ADAM10 is a TNF-processing enzyme that cleaves pro-TNF, a membrane-bound precursor protein, at Ala 76-Val 77, which causes membrane shedding of soluble TNF.

Product:

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

Molecular Weight:

84 kDa

Swiss-Prot:

O14672(Human)

Purification&Purity:

Protein affinity purified

Applications:

WB:1:500-1:2,000

IHC:1:50-1:200

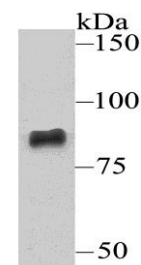
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

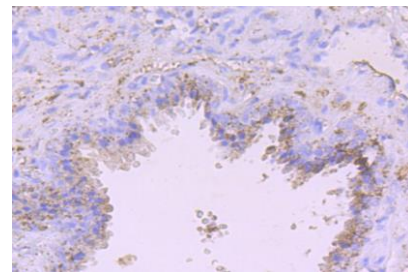
Specificity:

ADAM10 polyclonal antibody detects endogenous levels of ADAM10 protein.

DATA:



Western blot analysis of ADAM10 on SiHa cell lysate using anti-ADAM10 antibody at 1/5,000 dilution.



Immunohistochemical analysis of paraffin-embedded human prostate tissue using anti-ADAM10 antibody. Counter stained with hematoxylin.

Note:

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

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