bs-5850R **[Primary Antibody]**

ADAM19 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 8728 **SWISS:** Q9H013

Target: ADAM19

Immunogen: KLH conjugated synthetic peptide derived from human ADAM19: 251-350/955. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This member is a type I transmembrane protein and serves as a marker for dendritic cell differentiation. It has been demonstrated to be an active metalloproteinase, which may be involved in normal physiological processes such as cell migration, cell adhesion, cell-cell and cell-matrix interactions, and signal transduction. It is proposed to play a role in pathological processes, such as cancer, inflammatory diseases, renal diseases, and Alzheimer's disease. [provided by RefSeq, May 2013].

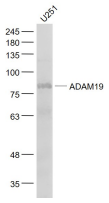
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat, Pig)

Predicted MW.: 82 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: U251(Human) Cell Lysate at 30 ug Primary: Anti- ADAM19 (bs-5850R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 82 kD Observed band size: 82 kD

SELECTED CITATIONS

- **[IF=3.6]** Sijie Liu. et al. Exosomal circ_0000735 contributes to non-small lung cancer malignant progression. J BIOCHEM MOL TOXIC. 2024 Mar;38(4):e23700 WB,IHC ;Human,Mouse. 38528705
- **[IF=1.655]** Moe Endo et al. Increased soluble (pro) renin receptor protein by autophagy inhibition in cultured cancer cells. Genes Cells . 2020 Jul;25(7):483-497. ICC,WB ;human. 32314441
- **[IF=1.655]** Endo M et al. Increased soluble (pro)renin receptor protein by autophagy inhibition in cultured cancer cells. Genes Cells. 2020 Jul;25(7):483-497. WB,ICC ;Human. 32314441