

VPS35 polyclonal antibody

Catalog: BS91444

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Vacuolar sorting proteins (VPSs) are required for proper trafficking of endocytic and biosynthetic proteins to the vacuole and play an important role in the budding process of cells. VPS35 (vacuolar protein sorting 35), also known as MEM3, is the 796 amino acid human homolog of the *S. cerevisiae* Vps35 protein. Localized to the cytoplasm and to the peripheral membrane, VPS35 is an essential component of the retromer complex which is involved in retrieval of lysosomal enzyme receptors from endosomes to the trans-Golgi network. VPS35 is expressed ubiquitously with highest expression in heart, placenta, brain, testis, kidney, colon, ovary and spleen. In addition to its crucial role in the retromer complex, VPS35 is part of a subcomplex that is required to regulate transcytosis of the polymeric immunoglobulin receptor from the basolateral to the apical surface of epithelial cells and hepatocytes.

Product:

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

Molecular Weight:

91 kDa

Swiss-Prot:

Q96QK1(Human) Q9EQH3(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:1,000

IHC:1:100-1:300

FC:1:50-1:100

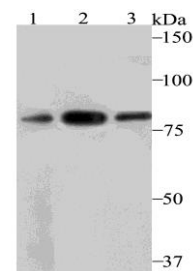
Storage&Stability:

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

Specificity:

VPS35 polyclonal antibody detects endogenous levels of VPS35 protein.

DATA:



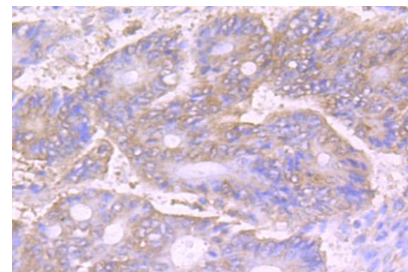
Western blot analysis of VPS35 on different lysates using anti-VPS35 antibody at 1/500 dilution.

Positive control:

Lane 1: PC-3M

Lane 2: U937

Lane 3: SH-SY-5Y



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-VPS35 antibody. Counter stained with hematoxylin.

Note:

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

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