

Occludin polyclonal antibody

Catalog: BS72035

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

Tight junctions, or zona occludens, form a continuous barrier to fluids across the epithelium and endothelium. They function in regulation of paracellular permeability and in the maintenance of cell polarity, blocking the movement of transmembrane proteins between the apical and the basolateral cell surfaces (reviewed in 1). Tight junctions are composed of claudin and occludin transmembrane proteins, which join the junctions to the cytoskeleton. Occludin is thought to be important in the assembly and maintenance of tight junctions. Differential phosphorylation of occludin at various residues may regulate its interaction with other tight junction proteins such as ZO-1. VEGF-induced phosphorylation of occludin regulates tight junction stability and vascular permeability. Expression of occludin as well as claudin1 is required for infection of liver cells by hepatitis C virus (HCV).

Product:

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

Molecular Weight:

~ 65 kDa

Swiss-Prot:

Q16625

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:1000~1:2000

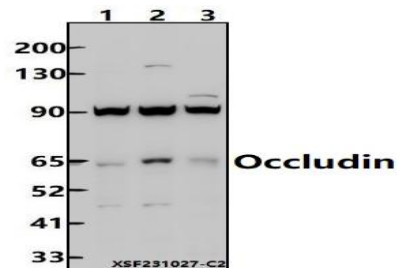
Storage&Stability:

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

Specificity:

Occludin polyclonal antibody detects endogenous levels of Occludin protein.

DATA:



Western blot (WB) analysis of Occludin pAb at 1:1000 dilution

Lane1:HepG2 whole cell lysate(30ug)

Lane2:A549 whole cell lysate(30ug)

Lane3:CT-26 whole cell lysate(30ug)

Note:

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

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