

Myosin VIIa polyclonal antibody

Catalog: BS60184

Host: Rabbit

Reactivity: Human

BackGround:

Myosins are molecular motors that move along filamentous Actin and influence cellular movements such as phagocytosis. There are seven classes of myosins in vertebrates, including Myosin II, and six unconventional Myosin classes, designated I, V, VI, VII, IX and X. Myosin VIIa is a plus end-directed motor that influences cilia formation and cell adhesion. Mutations in the human Myosin VIIa gene correlate with Usher syndrome, a disease characterized by congenital sensorineural deafness, vestibular dysfunction and retinitis pigmentosa.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 254 kDa

Swiss-Prot:

Q13402

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

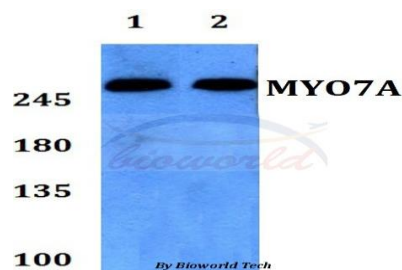
Storage&Stability:

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

Specificity:

Myosin VIIa polyclonal antibody detects endogenous levels of Myosin VIIa protein.

DATA:



Western blot (WB) analysis of Myosin VIIa polyclonal antibody at 1:500 dilution

Lane1:SKOV3 whole cell lysate

Lane2:HEK293T whole cell lysate

Note:

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

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