

Myosin IIIb polyclonal antibody

Catalog: BS60183

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Myosins are highly conserved, ubiquitously expressed proteins that interact with actin to generate the force for cellular movements. The human genome encodes over 40 different Myosin genes which are divided into distinct classes, the most notable of which are the conventional Myosins (class II) and the unconventional Myosins (classes I and III through XVIII). Myosin IIIb (MYO3B) is a 1,341 amino acid cytoplasmic and cytoskeletal protein that is thought to have an actin-based motor and possesses protein kinase activity. Expressed in testis, retina and kidney, Myosin IIIb exists as seven alternatively spliced isoforms that belong to the STE Ser/Thr protein kinase family and protein kinase superfamily. Myosin IIIb contains one Myosin head-like domain, a protein kinase domain and two IQ domains.

Product:

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

Molecular Weight:

~ 152 kDa

Swiss-Prot:

Q8WXR4

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

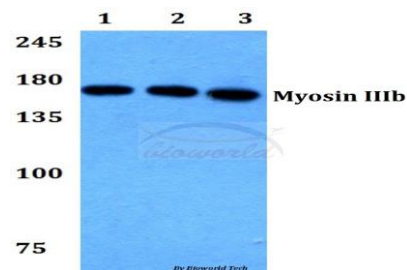
Storage&Stability:

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

Specificity:

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

DATA:



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

Lane1:HEK293T whole cell lysate

Lane2:Mouse eye tissue lysate

Lane3:Rat kidney tissue lysate

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151