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39-1074: Anti-Nebulin Monoclonal Antibody (Clone: NB2)

Clonality :	Monoclonal
Clone Name :	NB2
Application :	WB
Reactivity :	chicken
Gene :	NEB
Gene ID :	4703
Uniprot ID :	P20929
Alternative Name :	Nebulin; NEB
Isotype :	Mouse IgG1
Immunogen Information :	Chicken breast nebulin.

Description

Nebulin is a giant protein component of the cytoskeletal matrix that coexists with the thick and thin filaments within the sarcomeres of skeletal muscle. In most vertebrates, nebulin accounts for 3 to 4% of the total myofibrillar protein and its size varies from 600 to 800 kD in a manner that is tissue-, species-, and developmental stage-specific. The nebulin gene contains 183 exons in a 249-kb genomic region. Nebulin is mapped to chromosome 2. Nebulin is a giant filamentous protein specific for vertebrate skeletal muscles. Mutations in the nebulin gene associated with autosomal recessive nemaline myopathy.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 1-2 µg/ml

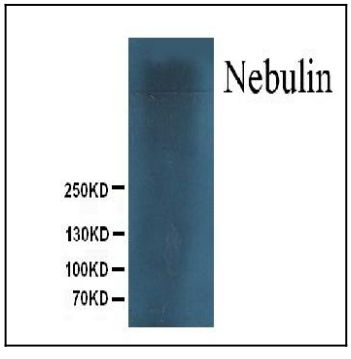

Figure 1: Anti-Nebulin antibody 39-1074. Western blotting: Lanes: Anti Nebulin(39-1074) at 0.5ug/ml; WB: Mouse Skeletal Muscle Tissue Lysate at 50ug. Predicted band size: 773 kDa. Observed band size: 773 kDa.

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