

Nebulin Antibody [clone NB2] (R30060)

Catalog No.	Formulation	Size
R30060	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1X PBS	100 ug

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Availability	1-3 business days
Species Reactivity	Chicken
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	NB2
Purity	Ascites
Gene ID	4703
Applications	Western Blot : 1-2 ug/ml
Limitations	This Nebulin antibody is available for research use only.



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.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Nebulin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Chicken breast nebulin was used as the immunogen for this Nebulin antibody.

Storage

After reconstitution, the Nebulin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.