

Chicken Anti-Bovine Neurofilament M Polyclonal Antibody

Cat. No.: VD7N393

Product Type: Animal-targeted Antibodies

Size: 25 µL; 100 µL

Product Overview

BioVenic chicken polyclonal antibody is specific for bovine neurofilament M. It can be applied to ICC, IHC and WB of bovine neurofilament M.

Specifications

Application	ICC; IHC; WB
Clonality	Polyclonal
Classification	Primary Antibody
Clone	L13N66
Host	Chicken
Target Species	Bovine
Species Reactivity	Bovine; Chicken
Specificity	Neurofilament M Protein
Isotype	IgY
Immunogen	Purified bovine neurofilament M protein
Purity	> 90%
Conjugation	Unconjugated
Preservative and Stabilizer	10mM Sodium Azide
Buffer	Phosphate Buffered Saline
Physical State	Liquid

Target Information

Neurofilament M (NF-M), the medium molecular weight neurofilament protein, is an integral part of the neuronal cytoskeleton, particularly within the axons of neurons in various animal species. NF-M is essential for maintaining axonal structure and caliber. It contributes to the stability of neurofilaments and plays a role in axonal transport, which is vital for the delivery of essential cellular components to the axon terminals.

Target	Neurofilament M Protein
Target Synonym	150 kDa neurofilament medium antibody
Taxonomy ID	35362
Gene ID	24588
UniProt ID	P12839

Shipping and Storage

This product is shipped with ice gel packs. Store at -20°C (up to 12 months) on receipt. Avoid repeated freezing and thawing as this may denature the antibody.

Reference

Rao, Mala V., *et al.* "The C-terminal domains of NF-H and NF-M subunits maintain axonal neurofilament content by blocking turnover of the stationary neurofilament network." *Plos one* (2012): e44320.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.