**Description:**
Polyclonal Antibody against Neurofilament NF-M

**Also Known As:**
160 kDa neurofilament protein; neurofilament triplet M protein; neurofilament-3 (150 kD medium); neurofilament, medium polypeptide 150kDa

**Form:**
Antiserum

**Host:**
Rabbit

**Species Reactivity:**
Human, Rat, Mouse, Cat, Chicken

**Specificity:**
Neurofilaments can be defined as the intermediate or 10nm diameter filaments found in neuronal cells. They are composed a mixture of subunits which often includes the neurofilament triplet proteins, NF-L, NF-M and NF-H. Neurofilaments may also include peripherin, a-internexin, nestin and in some cases vimentin. Antibodies to the various neurofilament subunits are very useful cell type markers since the proteins are quite abundant, biochemically stable.

The immunogen was the extreme carboxyterminal region of rat NF-M, which was expressed in E. coli and purified by ion exchange chromatography. The production and characterization of this antiserum similar to monoclonal NF-M clone 3H11.

**Uses:**
This antiserum is effective in immunoblotting and immunofluorescence.

**Suggested Working Dilution:**
The optimal working dilution should be determined for each specific assay condition. *This antibody is sold for laboratory research use only, not for human or in-vivo use. Covance antibodies may not be resold or modified for resale without prior written approval.*

- Western blot: 1:5,000-10,000*
- Immunofluorescence: 1:500-1,000

**Notes:**
* Predicted MW = 145-160kD

**Storage:**
Store at -20°C. Upon initial thawing, apportion into working aliquots and store at -20°C. Avoid repeated freeze-thaw cycles to prevent denaturing the antibody.

**References:**

See reverse side for additional information
Warranty/Conditions:
Covance products may not be resold or modified for resale without prior written approval. All sales are subject to Covance Antibody Products Terms and Conditions of Sale.

Datasheet Revision Date:
11/6/2011