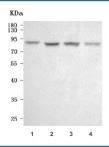


## Semaphorin 3D Antibody / SEMA3D (RQ8254)

Catalog No.	Formulation	Size
RQ8254	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O95025
Applications	Western Blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This Semaphorin 3D antibody is available for research use only.



Western blot testing of human 1) HaCaT, 2) PC-3, 3) 293T and 4) U-2 OS cell lysate with Semaphorin 3D antibody. Predicted molecular weight ~90 kDa.

#### **Description**

This gene encodes a member of the semaphorin III family of secreted signaling proteins that are involved in axon guidance during neuronal development. The encoded protein contains an N-terminal Sema domain, an immunoglobulin like domain and a C-terminal basic domain. The protein encoded by this gene binds neuropilin and plays an important role in cardiovascular development.

## **Application Notes**

Optimal dilution of the Semaphorin 3D antibody should be determined by the researcher.

#### **Immunogen**

E. coli-derived recombinant human protein (amino acids D88-H697) was used as the immunogen for the Semaphorin 3D antibody.

# **Storage**

After reconstitution, the Semaphorin 3D antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.