

## SEMA3A Polyclonal Antibody

Cat No: HR1AP5577

For research use only

### Overview

|                       |  |
|-----------------------|--|
| Product Name          | SEMA3A Polyclonal Antibody   |
| Source                | Rabbit   |
| Applications          | IHC-p,ELISA  |
| Species Reactivity    | Human,Mouse,Rat  |
| Recommended Dilutions |  |
| Immunogen             |  |
| Species               | Rabbit   |
| Storage               | -20°C/1 year   |
| Isotype               |  |
| Clonality             |  |
| Concentration         | 1 mg/ml  |
| Observed band         | kDa  |
| GeneID?Human?         | SEMA3A   |
| Human Swiss-Prot No.  |  |
| Cellular localization |  |
| Alternative Names     | SEMA3A; SEMAD; Semaphorin-3A; Semaphorin III; Sema III   |
| Background            | <p>semaphorin 3A(SEMA3A) Homo sapiens This gene is a member of the semaphorin family and encodes a protein with an Ig-like C2-type (immunoglobulin-like) domain, a PSI domain and a Sema domain. This secreted protein can function as either a chemorepulsive agent, inhibiting axonal outgrowth, or as a chemoattractive agent, stimulating the growth of apical dendrites. In both cases, the protein is vital for normal neuronal pattern development. Increased expression of this protein is associated with schizophrenia and is seen in a variety of human tumor cell lines. Also, aberrant release of this protein is associated with the progression of Alzheimer's disease. [provided by RefSeq, Jul 2008].</p> |