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SEMA3C Polyclonal Antibody

Cat #: G-AB-09046

Host: Rabbit **Reactivity:** Mouse, Rat

Isotype: IgG **Clonality:**

Overview:
This gene encodes a secreted glycoprotein that belongs to the semaphorin class 3 family of neuronal guidance cues. The encoded protein contains an N-terminal sema domain, integrin and immunoglobulin-like domains, and a C-terminal basic domain. Homodimerization and proteolytic cleavage of the C-terminal propeptide are necessary for the function of the encoded protein. It binds a neuropilin co-receptor before forming a heterotrimeric complex with an associated plexin. An increase in the expression of this gene correlates with an increase in cancer cell invasion and adhesion. Naturally occurring mutations in this gene are associated with Hirschsprung disease.

Gene ID: 10512

Accession #:

Immunogen: Recombinant fusion protein of human SEMA3C (NP_006370.1).

Conjugation: Unconjugated

Swissprot: Q99985

Calculated Molecular Weight: 26 kDa/85 kDa

Observed Molecular Weight: 85 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: WB,IF

Dilution: WB 1:200-1:2000 IF 1:50-1:200

Storage: Store at -20°C. Avoid freeze / thaw cycles.