

## SEMA3A (P737) polyclonal antibody

Catalog: BS3691

Host: Rabbit

Reactivity: Human, Rat

### BackGround:

Semaphorin 3A (Sema3A) may play a particularly interesting role in limiting axon regeneration since it is expressed in meningeal fibroblasts that invade the injured spinal cord and surround the glial scar. In addition, the Sema3A co receptors, Neuropilin 1 and Plexin A1, are expressed on axons that regenerate up to the injured region, but do not cross this Sema3A containing region. Thus, Sema3A and its co receptors may have important roles in regulating axon guidance during neuronal development and after neuronal injury.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 89 kDa

### Swiss-Prot:

Q14563

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

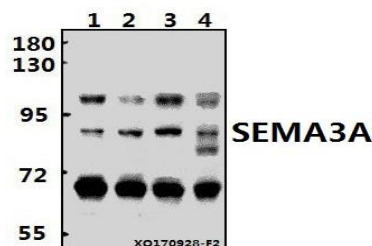
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

SEMA3A (P737) polyclonal antibody detects endogenous levels of SEMA3A protein.

### DATA:



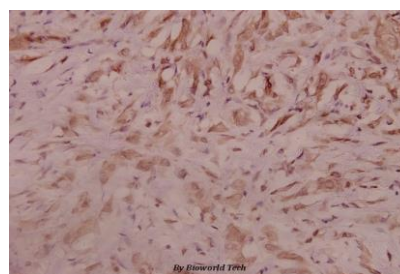
Western blot (WB) analysis of SEMA3A (P737) pAb at 1:1000 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:A549 whole cell lysate(40ug)

Lane3:PC3 whole cell lysate(40ug)

Lane4:C6 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of SEMA3A (P737) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

### Note:

For research use only, not for use in diagnostic procedure.

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