



## HINT1 (N99) polyclonal antibody

Catalog: BS3011

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Hint1, or histidine triad nucleotide-binding protein 1, belongs to the first branch of the HIT superfamily. It hydrolyzes adenosine 5'-monophosphoramidate substrates such as AMP-morpholidate, AMP-N-alanine methyl ester, AMP-alpha-acetyl lysine methyl ester and AMP-NH<sub>2</sub>. Hint1 also inhibits the activity of the transcription factors AP1, MITF and USF2, as well as influences the transcription process of the Wnt/beta-catenin pathway. In addition, mammalian Hint1 has been suggested to have some tumor suppressor activity.

### Product:

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

### Molecular Weight:

~ 14 kDa

### Swiss-Prot:

P49773

### 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:

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:

Hint1 (N99) polyclonal antibody detects endogenous levels of Hint1 protein.

### DATA:

Immunohistochemistry (IHC) analyzes of Hint1 (N99) pAb in paraffin-embedded human prostate cancer tissue.

### Note:

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

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