MIPP (I360) polyclonal antibody

Catalog: BS9152 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

MIPP (multiple inositol polyphosphate phosphatase) is the only enzyme that is solely responsible for a diverse range of catalytic activities, including the hydrolysis of inositol pentakisphosphate and inositol hexakisphosphate. The structural and functional similarity of MIPP to the chick protein HiPER1 (histidine acid phosphatase) reveals that MIPP contains the catalytic requirement of histidine acid phosphatases. The evolutionary conservation of MIPP in mouse (also called (MMU)Minpp1), human (also called (HSA)MINPP1), chick, plant and fruit fly within the histidine phosphatase family suggests a significant role for multiple inositol polyphosphatase throughout higher eukaryotes. MIPP is mapped to a region of chromosome 10 that is often mutated in human cancers. Its carboxy terminal domain contains a signal for retaining soluble proteins in the lumen of the endoplasmic reticulum.

Product:

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

Molecular Weight:

~ 65 kDa

Swiss-Prot:

Q9UNW1

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

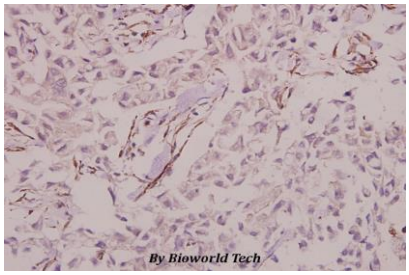
Storage&Stability:

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

Specificity:

MIPP (I360) polyclonal antibody detects endogenous levels of MIPP protein.

DATA:



Immunohistochemistry (IHC) analyzes of MIPP (I360) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

Note:

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

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