

PRUNE polyclonal antibody

Catalog: BS32535

Host: Rabbit

Reactivity: Human

BackGround:

Exopolyphosphatase PRUNE1: Exopolyphosphatase that catalyzes the hydrolysis of inorganic polyphosphates, with preference for short-chain substrates, as well as nucleoside 5'-tetraphosphates, releasing terminal phosphate residues. Also exhibits phosphodiesterase activity toward cyclic nucleotides, hydrolyzing cAMP and cGMP to their corresponding 5'-monophosphates. Requires divalent metal ions for activity. Plays a role in cell proliferation, migration and differentiation, and acts as a negative regulator of NME1. Plays a role in the regulation of neurogenesis. Involved in the regulation of microtubule polymerization

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~50.2 kDa

Swiss-Prot:

Q86TP1

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200), FC (1/10 - 1/50)

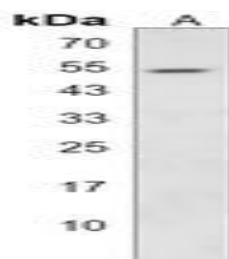
Storage&Stability:

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

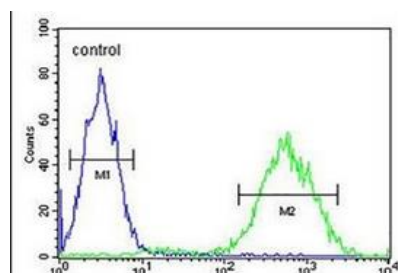
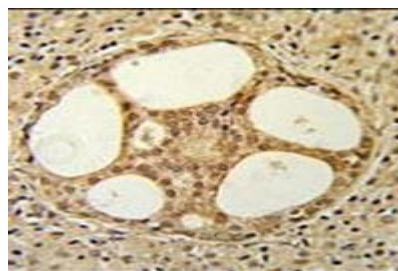
Specificity:

Recognizes endogenous levels of PRUNE protein.

DATA:



Western blot analysis of POMC expression in HepG2 (A) whole cell lysates.



Note:

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

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