

WWOX (Phospho-Y33) polyclonal antibody

Catalog: BS30972

Host: Rabbit

Reactivity: Human, Mouse, Chicken, Z

BackGround:

WW domain-containing oxidoreductase: Putative oxidoreductase. Acts as a tumor suppressor and plays a role in apoptosis. May function synergistically with p53/TP53 to control genotoxic stress-induced cell death. Plays a role in TGF β 1 signaling and TGF β 1-mediated cell death. Inhibits Wnt signaling, probably by sequestering DVL2 in the cytoplasm (By similarity). May also play a role in tumor necrosis factor (TNF)-mediated cell death. Required for normal bone development

Product:

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

Molecular Weight:

~46.7 kDa

Swiss-Prot:

Q96KM3

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/100 - 1/200)

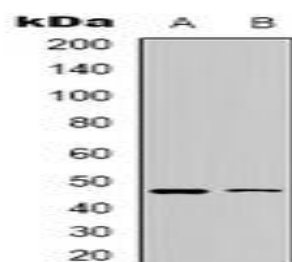
Storage&Stability:

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

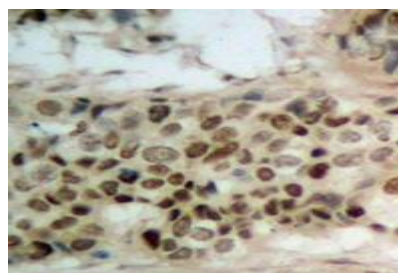
Specificity:

Recognizes endogenous levels of WWOX protein only when phosphorylated at Y33.

DATA:



Western blot analysis of PFKM expression in HEK293T (A), HeLa (B), HepG2 (C), H460 (D), mouse lung (E), mouse heart (F), rat heart (G) whole cell lysates.



Immunohistochemical analysis of PFKM staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

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

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