

IPP-2 (Phospho Ser44) Rabbit pAb

CatalogNo: YP0830

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 44kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:40000

IF 1:50-200

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized phospho-peptide around the phosphorylation site of human IPP-2 (phospho Ser44)

Specificity

Phospho-IPP-2 (S44) Polyclonal Antibody detects endogenous levels of IPP-2 protein only when phosphorylated at S44. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):KKSQK

Target Information

Gene name PPP1R2

Protein Name Protein phosphatase inhibitor 2

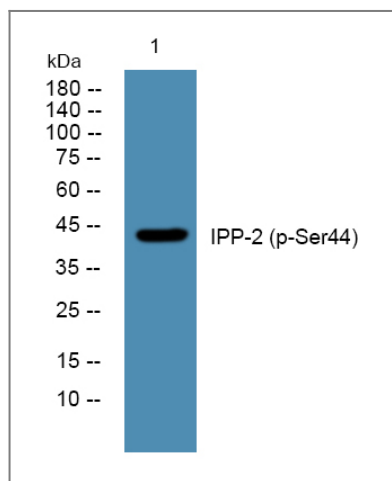
Organism	Gene ID	UniProt ID
Human	5504 ;	P41236 ;
Mouse	66849 ;	Q9DCL8 ;
Rat	192361 ;	P50411 ;

Cellular Localization protein phosphatase type 1 complex ,

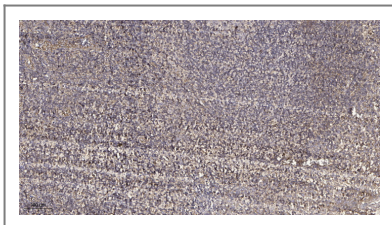
Tissue specificity Epithelium ,Heart ,Platelet ,Skin ,Testis ,

Function Function:Inhibitor of protein-phosphatase 1. ,PTM:Phosphorylation on Thr-73 by GSK3 activates PP1 by dissociating the PP1-PPP1R2 complex (By similarity) . Phosphorylation on Ser-44 by ATM activates PP1 by dissociating the PP1-PPP1R2 complex. ,similarity:Belongs to the protein phosphatase inhibitor 2 family. ,subunit:Heterodimer with PP1. ,

Validation Data



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°C over night



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200 (4°C overnight). 2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 30min).

Contact information

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IPP-2 (Phospho Ser44) Rabbit pAb

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