
Product Name: ASPP1 Rabbit Polyclonal Antibody**Catalog #: APRab07229**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio IHC 1:50-1:200,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000

Molecular Weight

Antigen Information

Gene Name	PPP1R13B ASPP1 KIAA0771
Alternative Names	Apoptosis-stimulating of p53 protein 1 (Protein phosphatase 1 regulatory subunit 13B)
Gene ID	23368.0
SwissProt ID	Q96KQ4
Immunogen	Synthetic peptide from human protein at AA range: 630-680

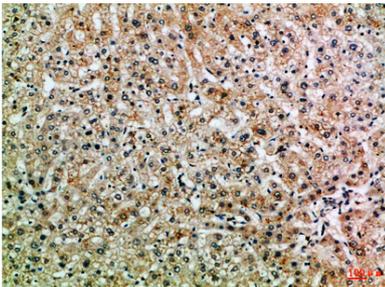
Background

This gene encodes a member of the ASPP (apoptosis-stimulating protein of p53) family of p53 interacting proteins. The protein contains four ankyrin repeats and an SH3 domain involved in protein-protein interactions. ASPP proteins are required for the

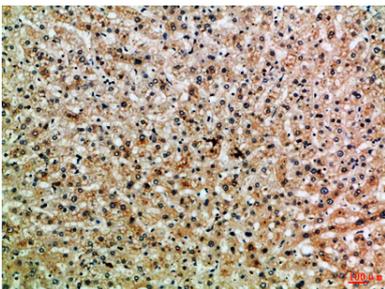
induction of apoptosis by p53-family proteins. They promote DNA binding and transactivation of p53-family proteins on the promoters of proapoptotic genes. Expression of this gene is regulated by the E2F transcription factor. [provided by RefSeq, Jul 2008],disease:Defects in PPP1R13B may be a cause of breast cancers. It is overexpressed in many patients suffering from breast carcinomas and expressing a wild-type TP53 protein.,domain:The ankyrin repeats and the SH3 domain are required for specific interactions with TP53.,function:Regulator that plays a central role in regulation of apoptosis via its interaction with p53/TP53. Regulates TP53 by enhancing the DNA binding and transactivation function of TP53 on the promoters of proapoptotic genes in vivo.,miscellaneous:In contrast to its official gene name, it is not a regulatory subunit of protein phosphatase 1. This name was given due to its similarity with a protein that binds to protein phosphatase 1.,similarity:Belongs to the ASPP family.,similarity:Contains 1 SH3 domain.,similarity:Contains 2 ANK repeats.,subcellular location:Predominantly cytoplasmic. Some fraction is nuclear.,subunit:Interacts with TP53.,

Research Area

Image Data



Immunohistochemical analysis of paraffin-embedded Human-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded Human-liver, antibody was diluted at 1:100