

Anti-PPP1R13B Antibody

**Description**

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.

Model	STJ117606
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-350 of human PPP1R13B (NP_056131.2).
Gene ID	23368
Gene Symbol	PPP1R13B
Dilution range	WB 1:200 - 1:2000
Tissue Specificity	Reduced expression in breast carcinomas expressing a wild-type TP53 protein
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Apoptosis-stimulating of p53 protein 1 Protein phosphatase 1 regulatory subunit 13B

Molecular Weight	119.565 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:14950MIM:606455Reactome:R-HSA-139915
Alternative Names	Apoptosis-stimulating of p53 protein 1 Protein phosphatase 1 regulatory subunit 13B
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,
Cellular Localization	Cytoplasm,

St John's Laboratory Ltd

F +44 (0)207 681 2580
T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>
E info@stjohnslabs.com