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<b>Product name:</b>	ASPP1 Rabbit Polyclonal Antibody
<b>Cat number:</b>	ABN07229
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Polyclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Synthetic peptide from human protein at AA range: 630-680
<b>Reactivity:</b>	Human,Rat,Mouse
<b>Applications:</b>	IHC 1:50-1:200,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
<b>Purification:</b>	Affinity purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	<p>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.,</p>