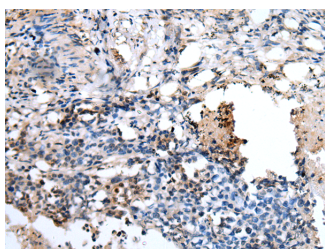


## PPP1R15A Polyclonal Antibody

<b>Catalog No.</b>	E-AB-19394	<b>Reactivity</b>	H
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	IHC,ELISA	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using PPP1R15A Polyclonal Antibody at dilution of 1:45(×200)

### Immunogen Information

<b>Immunogen</b>	Synthetic peptide of human PPP1R15A
<b>Gene Accession</b>	NP055145
<b>Swissprot</b>	O75807
<b>Synonyms</b>	Apoptosis associated protein,GADD 34,Growth arrest and DNA damage inducible 34,Protein phosphatase 1 regulatory subunit 15A

### Product Information

<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4
<b>Purify</b>	Antigen affinity purification
<b>Dilution</b>	IHC 1:30-1:150, ELISA 1:2000-1:10000

### Background

PPP1R15A (Protein Phosphatase 1 Regulatory Subunit 15A) is a Protein Coding gene. Diseases associated with PPP1R15A include Malignant Pleural Mesothelioma. Among its related pathways are Transcriptional activity of SMAD2/SMAD3-SMAD4 heterotrimer and Activation of cAMP-Dependent PKA. GO annotations related to this gene include protein kinase binding. This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The induction of this gene by ionizing radiation occurs in certain cell lines regardless of p53 status, and its protein response is correlated with apoptosis following ionizing radiation.

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