



Datasheet for ABIN674394
anti-TP53BP2 antibody (AA 1001-1128)



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2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	TP53BP2
Binding Specificity:	AA 1001-1128
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TP53BP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ASPP2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	TP53BP2
Alternative Name:	ASPP2/p53BP2 (TP53BP2 Products)
Background:	Synonyms: BBP, 53BP2, ASPP2, P53BP2, PPP1R13A, Apoptosis-stimulating of p53 protein 2,

Target Details

Bcl2-binding protein, Renal carcinoma antigen NY-REN-51, Tumor suppressor p53-binding protein 2, p53-binding protein 2, TP53BP2

Background: Regulator that plays a central role in regulation of apoptosis and cell growth via its interactions. Regulates TP53 by enhancing the DNA binding and transactivation function of TP53 on the promoters of proapoptotic genes in vivo. Inhibits the ability of APPBP1 to conjugate NEDD8 to CUL1, and thereby decreases APPBP1 ability to induce apoptosis. Impedes cell cycle progression at G2/M. Its apoptosis-stimulating activity is inhibited by its interaction with DDX42.

Gene ID: 7159

UniProt: [Q13625](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

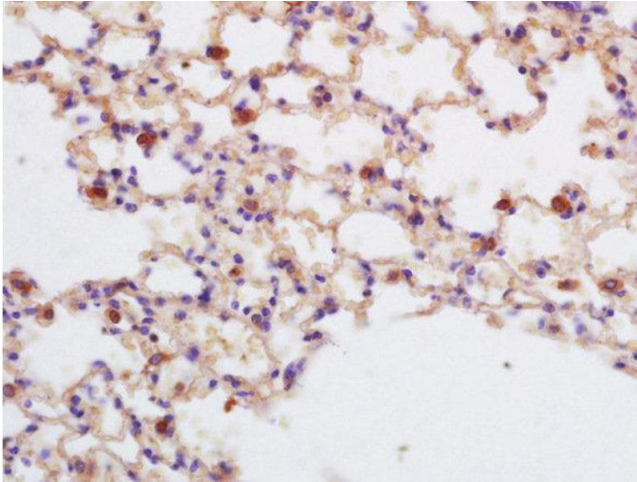
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

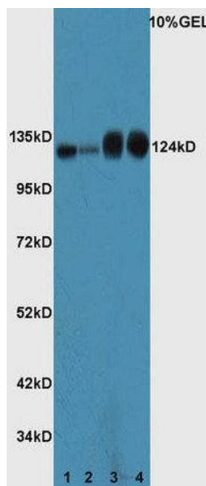
Product cited in: Xie, Yang, Chi, Yang, Wang, Xu: "Prognostic values of apoptosis-stimulating P53-binding protein 1 and 2 and their relationships with clinical characteristics of esophageal squamous cell

carcinoma patients: a retrospective study." in: **Chinese journal of cancer**, Vol. 36, Issue 1, pp. 15
, (2017) ([PubMed](#)).



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded mouse lung labeled with Rabbit Anti-ASPP2/p53BP2 Polyclonal Antibody, Unconjugated (ABIN674394) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Western Blotting

Image 2. Lane 1: Mouse spleen lysate Lane 2: Mouse thymus lysate Lane 3: Mouse prostate lysate Lane 4: Mouse intestine lysate probed with Rabbit Anti-ASPP2/p53BP2 Polyclonal Antibody, Unconjugated (ABIN674394) at 1:300 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:5000 for 90 min at 37 °C.