

ARG41886 anti-TP53BP2 / ASPP2 antibody

Package: 100 µl

Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TP53BP2 / ASPP2
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TP53BP2 / ASPP2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 360-600 of Human TP53BP2 / ASPP2. (NP_001026855.2)
Conjugation	Un-conjugated
Alternate Names	P53BP2; Renal carcinoma antigen NY-REN-51; p53-binding protein 2; ASPP2; Tumor suppressor p53-binding protein 2; Apoptosis-stimulating of p53 protein 2; p53BP2; 53BP2; Bcl2-binding protein; PPP1R13A; Bbp; BBP

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

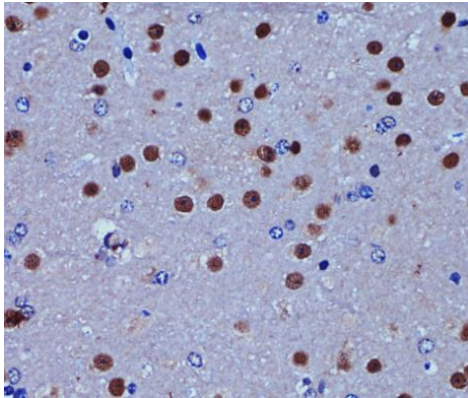
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TP53BP2
Gene Full Name	tumor protein p53 binding protein 2
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. It is localized to the perinuclear region of the cytoplasm, and regulates apoptosis and cell growth through interactions with other regulatory molecules including members of the p53 family. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Function	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. [UniProt]
Calculated Mw	126 kDa
Cellular Localization	Cytoplasm, perinuclear region. Nucleus. Note=Predominantly found in the perinuclear region. Some small fraction is nuclear. Sequester in the cytoplasm on overexpression of DDX42. [UniProt]

Images



ARG41886 anti-TP53BP2 / ASPP2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain tissue stained with ARG41886 anti-TP53BP2 / ASPP2 antibody 1:100 dilution.