

FBXO10 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56088

Specification

FBXO10 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9UK96
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	105 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FBXO10
Epitope Specificity	21-120/956
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 F-box domain. Contains 17 PbH1 repeats.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

Members of the F-box protein family, such as FBXO10, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603134), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]).[supplied by OMIM, Mar 2008]

FBXO10 Polyclonal Antibody - Additional Information

Gene ID 26267

Other Names

F-box only protein 10, FBXO10, FBX10, PRMT11

Dilution

IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH

7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

FBXO10 Polyclonal Antibody - Protein Information

Name FBXO10

Synonyms FBX10, PRMT11

Function

Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. Mediates the ubiquitination and degradation of BCL2, an antiapoptotic protein, thereby playing a role in apoptosis by controlling the stability of BCL2. Targets also the receptor for advanced glycation end products RAGE for ubiquitination and subsequent lysosomal degradation (PubMed:28515150). Directly controls HGAL/GCSAM ubiquitination and degradation and thereby decreases BCR signaling (PubMed:31570756).

Cellular Location

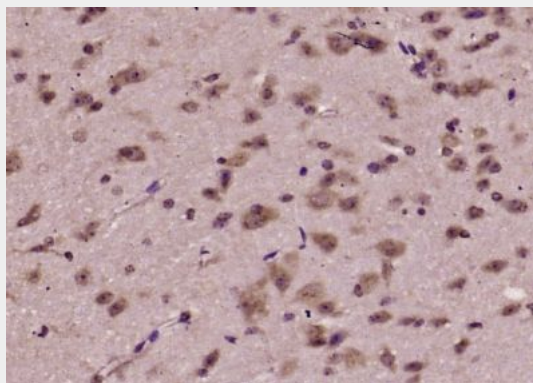
Cytoplasm

FBXO10 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FBXO10 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FBXO10) Polyclonal Antibody, Unconjugated (bs-16045R) at 1:200 overnight at 4°C, followed by

operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.