

Product datasheet for **AP51626PU-N**

FBXO2 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Flow Cytometry: 1/10-1/50.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 251-279 amino acids from the C-terminal region of human FBXO2
Specificity:	This antibody recognizes Human and Mouse FBXO2 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	F-box protein 2
Database Link:	Entrez Gene 230904 Mouse Entrez Gene 26232 Human Q9UK22



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Background:

This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class. This protein is highly similar to the rat NFB42 (neural F Box 42 kDa) protein which is enriched in the nervous system and may play a role in maintaining neurons in a postmitotic state.

Synonyms:

F-box only protein 2, FBX2

Note:

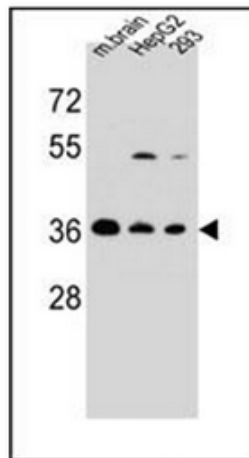
Molecular Weight: 33328 Da

Protein Families:

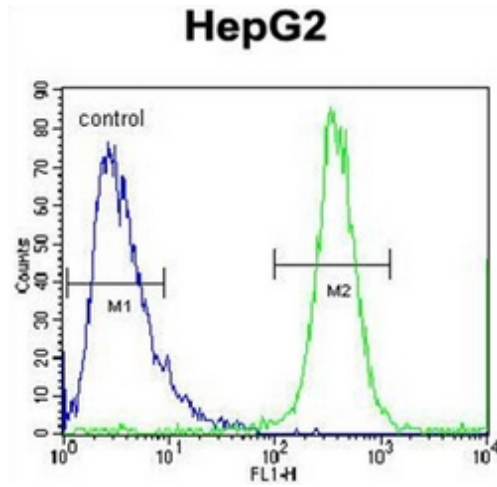
Druggable Genome

Protein Pathways:

Ubiquitin mediated proteolysis

Product images:

Western blot analysis of FBXO2 Antibody (C-term) in mouse brain tissue and HepG2, 293 cell line lysates (35ug/lane). This demonstrates the FBXO2 antibody detected the FBXO2 protein (arrow)



Flow cytometric analysis of HepG2 cells using FBXO2 Antibody (C-term) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.