

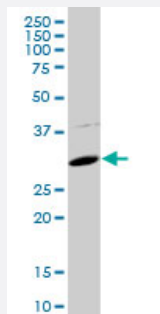
MaxPab®

# FBXO2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00026232-B01P

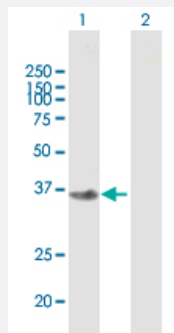
Size 50 ug

## Applications



### Western Blot (Tissue lysate)

FBXO2 MaxPab polyclonal antibody. Western Blot analysis of FBXO2 expression in rat brain.



### Western Blot (Transfected lysate)

Western Blot analysis of FBXO2 expression in transfected 293T cell line ([H00026232-T01](#)) by FBXO2 MaxPab polyclonal antibody.

Lane 1: FBXO2 transfected lysate(32.56 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human FBXO2 protein.

### Immunogen

FBXO2 (NP\_036300.2, 1 a.a. ~ 296 a.a) full-length human protein.

### Sequence

MDGDGDPESVGQPEEASPEEQPEEASAEERPEDQEEEEAAAAAYLDELPEPLLLRVLAALP  
AAELVQACRLVCLRWKELVDGAPLWLLKCQQEGLVPEGGVVEERDHWQQFYFLSKRRRNLLR  
NPCGEEDLEGWCDVEHGGDGWRVEELPGDSGVEFTHDESVKKYFASSFEWCRKAQVIDLQAE  
GYWEELDDTTQAMVKDWYSGRSDAGCLYELTVKLLSEHENVLAEFSSGQVAVPQDSDGGGW  
MEISHTFTDYGPGVRVRFVFEHGGQDSVYWKGWFGARVTNSSVWVEP

### Host

Mouse

Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (87); Rat (88)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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Western Blot analysis of FBXO2 expression in transfected 293T cell line ([H00026232-T01](#)) by FBXO2 MaxPab polyclonal antibody.

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## Gene Info — FBXO2

Entrez GeneID	<a href="#">26232</a>
GeneBank Accession#	<a href="#">NM_012168.4</a>
Protein Accession#	<a href="#">NP_036300.2</a>
Gene Name	FBXO2
Gene Alias	FBG1, FBX2, Fbs1, NFB42
Gene Description	F-box protein 2
Omim ID	<a href="#">607112</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

F-box gene 1|F-box only protein 2|OTTHUMP00000002066

**Pathway**

- [Ubiquitin mediated proteolysis](#)