

# FBXL4 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13697

## Product Information

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q9UKA2</a>
<b>Other Accession</b>	<a href="#">NM_012160</a> , <a href="#">NP_036292</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Rabbit, Pig, Chicken, Dog, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	70097

## Additional Information

<b>Gene ID</b>	26235
<b>Alias Symbol</b>	FBL4, FBL5
<b>Other Names</b>	F-box/LRR-repeat protein 4, F-box and leucine-rich repeat protein 4, F-box protein FBL4/FBL5, FBXL4, FBL4, FBL5
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-FBXL4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	FBXL4 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

<b>Name</b>	FBXL4
<b>Synonyms</b>	FBL4, FBL5
<b>Function</b>	Substrate-recognition component of the mitochondria-localized SCF-FBXL4 ubiquitin E3 ligase complex that plays a role in the restriction of mitophagy by controlling the degradation of BNIP3 and NIX mitophagy receptors (PubMed: <a href="#">36896912</a> , PubMed: <a href="#">38992176</a> ). Rescues also mitochondrial injury through reverting hyperactivation of DRP1- mediated mitochondrial fission (By similarity).
<b>Cellular Location</b>	Cytoplasm. Nucleus. Mitochondrion outer membrane

## Tissue Location

Expressed in heart, kidney, liver, lung, pancreas, and placenta, but not in skeletal muscle

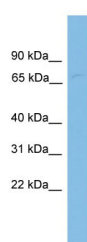
## References

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Winston J.T.,et al.Curr. Biol. 9:1180-1182(1999).  
Cenciarelli C.,et al.Curr. Biol. 9:1177-1179(1999).  
Ilyin G.P.,et al.Genomics 67:40-47(2000).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Mungall A.J.,et al.Nature 425:805-811(2003).

## Images

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WB Suggested Anti-FBXL4 Antibody Titration: 0.2-1 µg/ml  
ELISA Titer: 1:62500  
Positive Control: COLO205 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.