

Rabbit anti-Human FBXL2 Polyclonal Antibody | anti-FBXL2 antibody

FBXL2 Antibody, HRP conjugated

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118558	Rabbit	Human	ELISA

PRODUCT SYNONYMS

FBXL2; Polyclonal Antibody; FBXL2 Antibody; HRP conjugated; F-box/LRR-repeat protein 2 (F-box and leucine-rich repeat protein 2) (F-box protein FBL2/FBL3); FBL2 FBL3; anti-FBXL2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	355
Applicable Applications for anti-FBXL2 antibody	ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	HRP
Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	FBXL2
Immunogen	Recombinant Human F-box/LRR-repeat protein 2 protein (1-423AA)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-54358 / sc-54359 / sc-54360 / sc-54361
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

ADDITIONAL INFORMATION

Related Product Information for anti-FBXL2 antibody	Calcium-activated substrate recognition component of the SCF (SKP1-cullin-F-box protein) E3 ubiquitin-protein ligase complex, SCF(FBXL2), which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Unlike many F-box proteins, FBXL2 does not seem to target phosphodegron within its substrates but rather calmodulin-binding motifs and is thereby antagonized by calmodulin. This is the case for the cyclins CCND2 and CCND3 which polyubiquitination and subsequent degradation are inhibited by calmodulin. Through CCND2 and CCND3 degradation induces cell-cycle arrest in G(0) (PubMed:22020328, PubMed:22323446). SCF(FBXL2) also mediates PIK3R2 ubiquitination and proteasomal degradation thereby regulating phosphatidylinositol 3-kinase signaling and autophagy (PubMed:23604317). PCYT1A monoubiquitination by SCF(FBXL2) and subsequent degradation regulates synthesis of phosphatidylcholine, which is utilized for formation of membranes and of pulmonary surfactant (By similarity).
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	284447314
NCBI GeneID	25827
NCBI Accession #	NP_001165184.1
NCBI GenBank Nucleotide #	NM_001171713.1
UniProt Accession #	Q9UKC9; Q6IAN3; Q9NVQ8; Q9UK27; Q9UKA5; Q9Y3Y9; B4DQV0; E9PD06
NCBI Official Full Name	F-box/LRR-repeat protein 2 isoform 2
NCBI Official Synonym Full Names	F-box and leucine-rich repeat protein 2
NCBI Official Symbol	FBXL2
NCBI Official Synonym Symbols	FBL2; FBL3
NCBI Protein Information	F-box/LRR-repeat protein 2
UniProt Protein Name	F-box/LRR-repeat protein 2
UniProt Gene Name	FBXL2
UniProt Entry Name	FBXL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/fbxl2-antibody-elisa/118558>