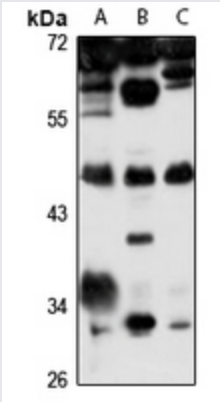
FBL14 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FBL14, Polyclonal Antibody
Full Product Name	Anti-FBL14 Antibody
Product Gene Name	anti-FBL14 antibody
Product Synonym Gene Name	FBXL14
Product Synonym Names	FBL14; F-box/LRR-repeat protein 14; F-box and leucine-rich repeat protein 14
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Specificity	Recognizes endogenous levels of FBL14 protein.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
OMIM	609081
3D Structure	ModBase 3D Structure for Q8N1E6
Immunogen	Recombinant fusion protein of human FBL14. The exact sequence is proprietary.
Applications Tested/Suitable for anti-FBL14 antibody	Western Blot (WB)
Application Notes for anti-FBL14 antibody	WB: 1:500-1:2000
Related Product Information for anti-FBL14 antibody	MBS8306642 is an antibody targeting FBL14. Reactive in Human, Mouse, Rat. Host: Rabbit. Rabbit polyclonal antibody to FBL14
Other Notes	Small volumes of anti-FBL14 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-FBL14 antibody
Western blot analysis of FBL14 expression in HepG2 (A), mouse brain (B), rat thymus (C) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FBL14. It may not necessarily be applicable to this product.

NCBI GI #	22748931
NCBI GeneID	144699
NCBI Accession #	NP_689654.1
UniProt Primary Accession #	Q8N1E6
UniProt Secondary Accession #	Q8BID8
UniProt Related Accession #	Q8N1E6
GenBank Nucleotide #	NM_152441.2
NCBI Official Full Name	F-box/LRR-repeat protein 14
NCBI Official Synonym Full Names	F-box and leucine rich repeat protein 14
NCBI Official Symbol	FBXL14
NCBI Official Synonym Symbols	Fbl14
UniProt Protein Name	F-box/LRR-repeat protein 14
UniProt Synonym Protein Names	F-box and leucine-rich repeat protein 14
Protein Family	F-box/LRR-repeat protein
UniProt Gene Name	FBXL14
UniProt Synonym Gene Names	FBL14
UniProt Entry Name	FXL14_HUMAN
NCBI Protein Information	F-box/LRR-repeat protein 14
NCBI Summary for FBL14	Members of the F-box protein family, such as FBXL14, 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]
Research Articles on FBL14	**1.** FBXL14 acts as an novel interaction partner of CDCP1, and facilitates its ubiquitination and proteasomal degradation with an enhanced capacity to suppress CDCP1 protein stability that eventually prevents CDCP1 target genes involved in breast cancer metastasis.

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