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FBXL15 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5221B

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9H469
Other Accession	D4ABB4, Q91W61, E1BNS0
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26324
Calculated MW	32998
Antigen Region	252-280

Additional Information

Gene ID	79176
Other Names	F-box/LRR-repeat protein 15, F-box only protein 37, FBXL15, FBXO37
Target/Specificity	This FBXL15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 252-280 amino acids from the C-terminal region of human FBXL15.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FBXL15 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FBXL15
Synonyms	FBXO37
Function	Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3

ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of SMURF1, thereby acting as a positive regulator of the BMP signaling pathway. Required for dorsal/ventral pattern formation and bone mass maintenance. Also mediates ubiquitination of SMURF2 and WWP2.

Cellular Location Cytoplasm.

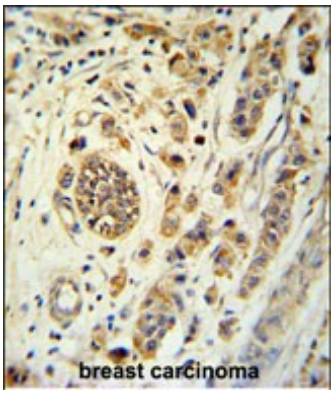
Background

FBXL15 is probably recognizes and binds to some phosphorylated proteins and promotes their ubiquitination and degradation.

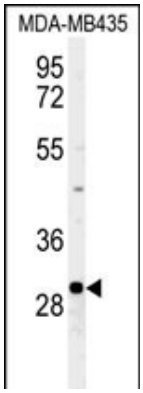
References

Deloukas, P., et al. Nature 429(6990):375-381(2004)

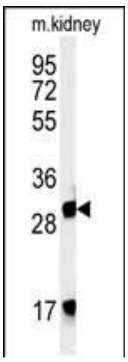
Images



FBXL15 Antibody (C-term) (Cat. #AP5221b) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FBXL15 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western blot analysis of FBXL15 Antibody (C-term) (RB26324) in MDA-MB435 cell line lysates (35ug/lane).FBXL15 (arrow) was detected using the purified Pab.



Western blot analysis of FBXL15 Antibody (C-term) (Cat. #AP5221b) in mouse kidney tissue lysates (35ug/lane).FBXL15 (arrow) was detected using the purified Pab.

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