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FBXL15 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15836

Product Information

Application	WB
Primary Accession	Q9H469
Other Accession	NM_024326, NP_077302
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Horse, Bovine, Neisseria Gonorrhoeae
Predicted	Human, Mouse, Rat, Rabbit, Dog, Horse, Bovine, Neisseria Gonorrhoeae
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32998

Additional Information

Gene ID	79176
Alias Symbol	FBXO37, Fbl15, JET, PSD
Other Names	F-box/LRR-repeat protein 15, F-box only protein 37, FBXL15, FBXO37
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-FBXL15 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.
Precautions	FBXL15 Antibody - N-terminal region 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.

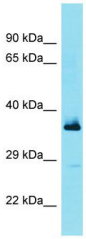
Background

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.

References

Deloukas P.,et al.Nature 429:375-381(2004).
Cui Y.,et al.EMBO J. 30:2675-2689(2011).
Van Damme P.,et al.Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012).

Images



Host: Rabbit
Target Name: FBXL15
Sample Tissue: Fetal Lung lysates
Antibody Dilution: 1.0µg/ml