

FBXL16 Antibody

Catalog # ASC11273

Product Information

Application	WB, IF, E, IHC-P
Primary Accession	Q8N461
Other Accession	NP_699181 , 289666746
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	51658
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	FBXL16 antibody can be used for detection of FBXL16 by Western blot at 0.5 - 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Additional Information

Gene ID	146330
Other Names	F-box/LRR-repeat protein 16, F-box and leucine-rich repeat protein 16, FBXL16, C16orf22, FBL16
Target/Specificity	FBXL16; FBXL16 antibody is predicted to not cross-react with other F-box protein family members.
Reconstitution & Storage	FBXL16 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Precautions	FBXL16 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FBXL16
Synonyms	C16orf22, FBL16
Function	Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex.

Background

FBXL16 Antibody: FBXL16 (F-box and leucine-rich repeat protein 16), a member of the F-box protein family, is a probable substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. It is characterized by an approximately 40-amino acid F-box motif. F-box proteins interact with SKP1 through the F-box, and they interact with ubiquitination targets through other protein interaction domains. FBXL16 is a novel E2F1-regulated gene in crucial cell cycle regulation pathways.

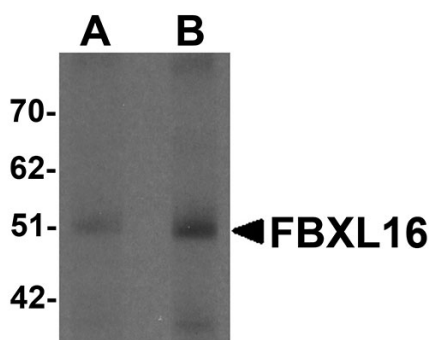
References

Martin J, Han C, Gordon LA, et al. The sequence and analysis of duplication-rich human chromosome 16. *Nature* 2004; 432:988-94.

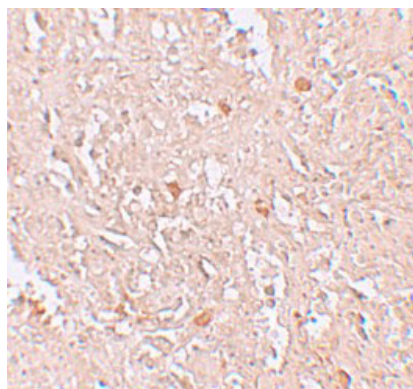
Jin J, Cardozo T, Lovering RC, et al. Systematic analysis and nomenclature of mammalian F-box proteins. *Genes Dev.* 2004; 18:2573-80.

Sato K, Kusama Y, Tategu M, et al. FBXL16 is a novel E2F1-regulated gene commonly upregulated in p16INK4A- and p14ARF-silenced HeLa cells. *Int. J. Oncol.* 2010; 36:479-90.

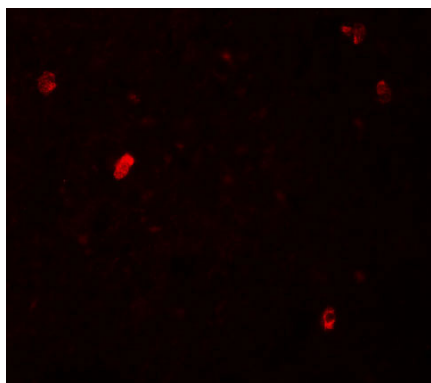
Images



Western blot analysis of FBXL16 in human spleen tissue lysate with FBXL16 antibody at (A) 0.5 and (B) 1 μ g/mL.



Immunohistochemistry of FBXL16 in human spleen tissue with FBXL16 antibody at 5 μ g/mL.



Immunofluorescence of FBXL16 in human spleen tissue with FBXL16 antibody at 20 μ g/mL.