

FBXO4 / FBX4 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS14590**Specification**

FBXO4 / FBX4 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	O9UKT5
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	44kDa KDa

FBXO4 / FBX4 Antibody (Internal) - Additional Information**Gene ID** 26272**Other Names**

F-box only protein 4, FBXO4, FBX4

Target/Specificity

Human FBXO4. This antibody is expected to recognize isoform 1 and 2 (NP_036308.1; NP_277019.1).

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

FBXO4 / FBX4 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

FBXO4 / FBX4 Antibody (Internal) - Protein Information**Name** FBXO4**Synonyms** FBX4**Function**

Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex that mediates the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed: [18598945](http://www.uniprot.org/citations/18598945) target="_blank">18598945, PubMed: [10531035](http://www.uniprot.org/citations/10531035) target="_blank">10531035, PubMed: [29142209](http://www.uniprot.org/citations/29142209) target="_blank">29142209, PubMed: [20181953](http://www.uniprot.org/citations/20181953) target="_blank">20181953). Promotes ubiquitination of CCND1 and its subsequent proteasomal degradation (PubMed: [18598945](http://www.uniprot.org/citations/18598945) target="_blank">18598945). Recognizes TERF1 and promotes its ubiquitination together with UBE2D1 (PubMed: [16275645](http://www.uniprot.org/citations/16275645)).

target="_blank">16275645, PubMed:20159592). Promotes ubiquitination of FXR1 following phosphorylation of FXR1 by GSK3B, leading to FXR1 degradation by the proteasome (PubMed:29142209).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q8CHQ0}.

Volume

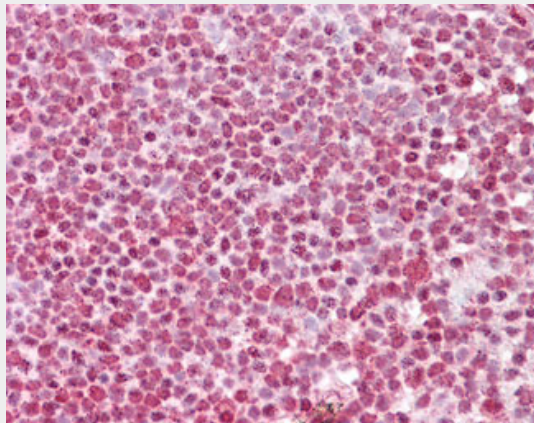
50 µl

FBXO4 / FBX4 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FBXO4 / FBX4 Antibody (Internal) - Images



Anti-FBXO4 antibody IHC of human tonsil.

FBXO4 / FBX4 Antibody (Internal) - Background

Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex that mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Promotes ubiquitination of CCND1 and its subsequent proteasomal degradation. Recognizes TERF1 and promotes its ubiquitination together with UBE2D1.

FBXO4 / FBX4 Antibody (Internal) - References

Cenciarelli C., et al. Curr. Biol. 9:1177-1179(1999).
Winston J.T., et al. Curr. Biol. 9:1180-1182(1999).
Bechtel S., et al. BMC Genomics 8:399-399(2007).
Lee T.H., et al. J. Biol. Chem. 281:759-768(2006).

Barbash O., et al. Cancer Cell 14:68-78(2008).