

FBXO6 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2355a**Specification**

FBXO6 Antibody (C-Term) - Product Information

Application	E
Primary Accession	Q9NRD1
Other Accession	NP_060908.1 , 26270
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	33933

FBXO6 Antibody (C-Term) - Additional Information**Gene ID** 26270**Other Names**

F-box only protein 6, F-box protein that recognizes sugar chains 2, F-box/G-domain protein 2, FBXO6, FBG2, FBS2, FBX6

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FBXO6 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

FBXO6 Antibody (C-Term) - Protein Information**Name** FBXO6**Synonyms** FBG2, FBS2, FBX6**Function**

Substrate-recognition component of some SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complexes. Involved in endoplasmic reticulum-associated degradation pathway (ERAD) for misfolded luminal proteins by recognizing and binding sugar chains on unfolded glycoproteins that are retrotranslocated into the cytosol and promoting their ubiquitination and subsequent degradation. Able to recognize and bind denatured glycoproteins, which are modified with not only

high- mannose but also complex-type oligosaccharides. Also recognizes sulfated glycans. Also involved in DNA damage response by specifically recognizing activated CHEK1 (phosphorylated on 'Ser-345'), promoting its ubiquitination and degradation. Ubiquitination of CHEK1 is required to ensure that activated CHEK1 does not accumulate as cells progress through S phase, or when replication forks encounter transient impediments during normal DNA replication.

Cellular Location

Cytoplasm.

FBXO6 Antibody (C-Term) - 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](#)

FBXO6 Antibody (C-Term) - Images**FBXO6 Antibody (C-Term) - References**

A new subfamily of structurally related human F-box proteins. Ilyin GP, Serandour AL, Pigeon C, Rialland M, Glaise D, Guguen-Guillouzo C. Gene. 2002 Aug 21;296(1-2):11-20. PMID: 12383498