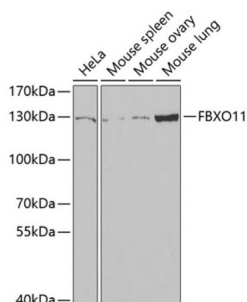


## F-Box Protein 11 (FBXO11) Antibody

Catalogue No.: abx004707



Western blot analysis of extracts of various cell lines using FBXO11 Antibody (1/1000 dilution).

FBXO11 Antibody is a Rabbit Polyclonal antibody against FBXO11. This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class. It can function as an arginine methyltransferase that symmetrically dimethylates arginine residues, and it acts as an adaptor protein to mediate the neddylation of p53, which leads to the suppression of p53 function. This gene is known to be down-regulated in melanocytes from patients with vitiligo, a skin disorder that results in depigmentation. Polymorphisms in this gene are associated with chronic otitis media with effusion and recurrent otitis media (COME/ROM), a hearing loss disorder, and the knockout of the homologous mouse gene results in the deaf mouse mutant Jeff (Jf), a single gene model of otitis media. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene.

**Target:** F-Box Protein 11 (FBXO11)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse

**Tested Applications:** WB

**Host:** Rabbit

**Recommended dilutions:** WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Recombinant fusion protein corresponding to human FBXO11

**Isotype:** IgG

**Form:** Liquid

**Purification:** Purified by affinity chromatography.

# Datasheet

Version: 4.0.0  
Revision date: 23 Jun 2025



<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	Q86XK2 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	FBXO11
<b>GeneID:</b>	<a href="#">80204</a>
<b>NCBI Accession:</b>	NP_001177203.1
<b>KEGG:</b>	hsa:80204
<b>String:</b>	<a href="#">9606.ENSP00000384823</a>
<b>Molecular Weight:</b>	Calculated MW: 23 kDa/62 kDa/65 kDa/94 kDa/103 kDa/106 kDa Observed MW: 130 kDa
<b>Buffer:</b>	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
<b>Concentration:</b>	1 mg/ml
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.