

## ATF6B Polyclonal Antibody

catalog number: E-AB-18330

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

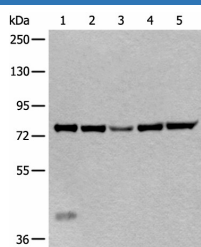
Reactivity	Human;Mouse
Immunogen	Fusion protein of human ATF6B
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

### Recommended Dilution

WB	1:500-1:2000
IHC	1:25-1:100

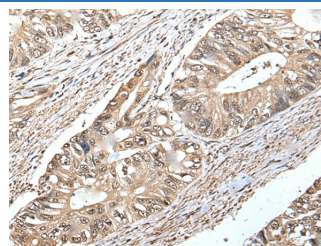
### Data



Western blot analysis of Mouse liver tissue Hela cell Human testis tissue Jurkat and HEPG2 cell lysates using ATF6B Polyclonal Antibody at dilution of 1:300

**Observed-MV:Refer to figures**

**Calculated-MV:77 kDa**



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ATF6B Polyclonal Antibody at dilution of 1:30(×200)

### Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

### Background

The protein encoded by this gene is a transcription factor in the unfolded protein response (UPR) pathway during ER stress. Either as a homodimer or as a heterodimer with ATF6-alpha, the encoded protein binds to the ER stress response element, interacting with nuclear transcription factor Y to activate UPR target genes. The protein is normally found in the membrane of the endoplasmic reticulum; however, under ER stress, the N-terminal cytoplasmic domain is cleaved from the rest of the protein and translocates to the nucleus. Two transcript variants encoding different isoforms have been found for this gene.

### For Research Use Only