

Product datasheet

Anti-FBXO2 antibody ab96391

1 Image

Overview

| | |
|----------------------------|--|
| Product name | Anti-FBXO2 antibody |
| Description | Rabbit polyclonal to FBXO2 |
| Host species | Rabbit |
| Tested applications | Suitable for: WB |
| Species reactivity | Reacts with: Human |
| Immunogen | Synthetic peptide, corresponding to a region within amino acids 234-296 of Human FBXO2 (NP_036300) |
| Positive control | A431, HepG2 cell lysate and H1299 whole cell lysate. |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | Preservative: 0.01% Thimerosal (merthiolate) Constituents: 10% Glycerol, 1X PBS, pH 7.0 |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab96391** in the following tested applications.

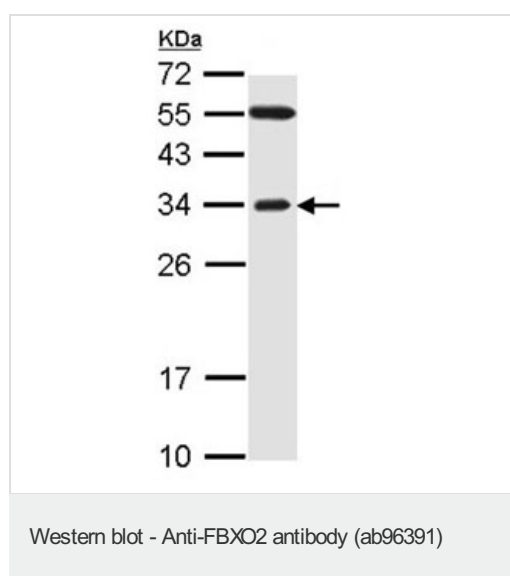
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | 1/500 - 1/3000. Predicted molecular weight: 33 kDa. |

Target

| | |
|------------------------------|---|
| 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. Involved in the 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. Prevents formation of cytosolic aggregates of unfolded glycoproteins that have been retrotranslocated into the cytosol. Able to recognize and bind denatured glycoproteins, preferentially those of the high-mannose type. |
| Pathway | Protein modification; protein ubiquitination. |
| Sequence similarities | Contains 1 F-box domain. Contains 1 FBA (F-box associated) domain. |
| Cellular localization | Cytoplasm. Microsome membrane. |

Images



Anti-FBXO2 antibody (ab96391) at 1/1000 dilution + H1299 whole cell lysate at 30 µg

Predicted band size: 33 kDa

12% SDS PAGE

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