

DATASHEET

FBXO4 Rabbit Polyclonal Antibody

CAT. NO. APA15611

KEY FEATURES

| | | | |
|---------------|---|---------------|---------------------|
| Target | FBXO4 | Source / Host | Rabbit |
| Reactivity | Human, Mouse | Clonality | Polyclonal |
| Applications | WB | Conjugation | Unconjugated |
| Form / Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | Storage at -20°C |

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 E3 ubiquitin-protein ligase complex that mediates the ubiquitination and subsequent proteasomal degradation of target proteins . Promotes ubiquitination of cyclin-D1 (CCND1) and its subsequent proteasomal degradation . However, it does not act as a major regulator of CCND1 stability during the G1/S transition . Recognizes TERF1 and promotes its ubiquitination together with UBE2D1 . Promotes ubiquitination of FXR1 following phosphorylation of FXR1 by GSK3B, leading to FXR1 degradation by the proteasome .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

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|----|----------------|
| WB | 1:500 - 1:2000 |
|----|----------------|

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

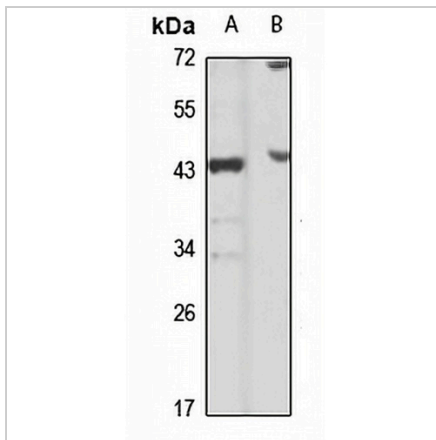
| | |
|-------------------|---|
| Description | Rabbit polyclonal antibody to FBXO4 |
| Specificity | Recognizes endogenous levels of FBXO4 protein |
| Antibody Type | Primary antibody |
| Immunogen | Recombinant fusion protein of human FBXO4. The exact sequence is proprietary. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 35; Observed: 44 kD |
| Form/Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Alternative Names | FBX4; F-box only protein 4 |
| Gene Symbol | FBXO4 |
| Entrez Gene | 26272(Human); 106052(Mouse) |
| SwissProt | Q9UKT5(Human); Q8CHQ0(Mouse) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of FBXO4 expression in SHSY5Y (A), mouse liver (B) whole cell lysates. (Predicted band size: 35; 44 kD; Observed band size: 44 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.