10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# Fbxl3 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12218

## Product Information

| | |
|---|---|
| **Application** | WB |
| **Primary Accession** | Q8C4V4 |
| **Other Accession** | NM_015822, NP_056637 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Sheep |
| **Predicted** | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Dog, Guinea Pig, Horse, Bovine, Sheep |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 48682 |

## Additional Information

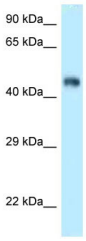
| | |
|---|---|
| **Gene ID** | 50789 |
| **Alias Symbol** | AU041772, AW212966, FBK, Fbl3a, Fbxl3a, Ovtm |
| **Other Names** | F-box/LRR-repeat protein 3, F-box and leucine-rich repeat protein 3A, F-box/LRR-repeat protein 3A, Protein after-hours, Protein overtime, Fbxl3, Afh, Fbl3a, Fbxl3a, Ovtm |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Reconstitution & Storage** | Add 50 ul of distilled water. Final anti-Fbxl3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| **Precautions** | Fbxl3 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

| | |
|---|---|
| **Name** | Fbxl3 |
| **Synonyms** | Afh, Fbl3a, Fbxl3a, Ovtm |
| **Function** | Substrate-recognition component of the SCF(FBXL3) E3 ubiquitin ligase complex involved in circadian rhythm function. Plays a key role in the maintenance of both the speed and the robustness of the circadian clock oscillation. The SCF(FBXL3) complex mainly acts in the nucleus and mediates ubiquitination and subsequent degradation of CRY1 and CRY2. Activity of the SCF(FBXL3) complex is counteracted by the SCF(FBXL21) complex. |

| | |
|---|---|
| **Cellular Location** | Nucleus. Cytoplasm. Note=Predominantly nuclear |
| **Tissue Location** | Ubiquitously expressed but enriched in brain. Diffusely expressed in the suprachiasmatic nucleus, SCN |

## Images




WB Suggested Anti-Fbxl3 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Kidney

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.