

## Anti-FBXO31 Polyclonal Antibody

## Product Details

|                   |  |
|-------------------|--|
| Ig Type:          | IgG  |
| Reactivity:       | Mouse,Rat (predicted:Human,Chicken,Pig,Cow,Horse,Rabbit,Sheep) |
| Molecular Weight: | Theoretical: 61 kDa. Actual: 63 kDa.                           |
| Purification:     | Protein A purified   |

## Applications

|                    |   |
|--------------------|---|
| Verified Activity: | <p>1. Sample: NIH/3T3 cell (mouse) Lysate at 40 µg<br/>Primary: Anti-FBXO31 (TMAB-05932) at 1/300 dilution<br/>Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution<br/>Predicted band size: 61 kD<br/>Observed band size: 63 kD</p> <p>2. Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (FBXO31) Polyclonal Antibody, Unconjugated (TMAB-05932) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p> <p>3. Paraformaldehyde-fixed, paraffin embedded (mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (FBXO31) Polyclonal Antibody, Unconjugated (TMAB-05932) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p> |
| Application:       | WB,IHC-P,IHC-Fr,IF  |
| Recommended        | WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500  |

## Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

## Antigen Details

|                  |  |
|------------------|--|
| Immunogen:       | KLH conjugated synthetic peptide: human FBXO31 |
| Antigen Species: | Human  |
| Gene ID:         | 79791  |
| Uniprot ID:      | Q5XUX0   |

## Research Background

FBXO31 belongs to the F-box protein family. Such proteins are characterized by an F-box motif of approximately 40 residues. F-box proteins interact with SKP1 through the F box and they interact with ubiquitination targets through other protein interaction domains. There are two different isoforms.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481