
Fbx15 Rabbit pAb

Catalog Number: bs-8396R

Target Protein: Fbx15

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:50-200)

Reactivity: Rat (predicted:Human, Mouse, Pig)

Predicted MW: 57 kDa

Entrez Gene: 201456

Swiss Prot: Q8NCQ5

Source: KLH conjugated synthetic peptide derived from human Fbx15: 101-200/510.

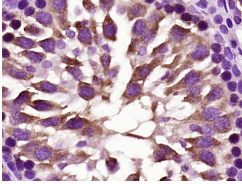
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: FBXO15, also known as FBX15, is a 434 amino acid protein that contains one C-terminal F-box domain and belongs to the F-box family of proteins. F-box proteins are critical components of the SCF (Skp1-CUL-1-F-box protein) type E3 ubiquitin ligase complex and are involved in substrate recognition and recruitment for ubiquitination. They are members of a larger family of proteins that are involved in the regulation of a wide variety of cellular processes (including the cell cycle, immune response, signaling cascades and developmental processes) through the targeting of proteins, such as cyclins, cyclin-dependent kinase inhibitors, I κ B- α and β -catenin, for degradation by the proteasome after ubiquitination. Via its F-box domain, FBXO15 can directly interact with Skp1 p19 and CUL-1. In addition, FBXO15 is a target of the transcription factor Oct-3/4, however, it does not appear to be essential for early development and fertility.

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Rat testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Fbx15) Polyclonal Antibody, Unconjugated (bs-8396R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.