

FOXK1 Rabbit pAb

Catalog No.: A15220**4 Publications**

Basic Information

Observed MW

102 kDa

Calculated MW

75 kDa

Category

Polyclonal Antibodies

Applications

WB, IP, IF/ICC, ELISA

Cross Reactivity

Human, Mouse, Rat

Background

Enables 14-3-3 protein binding activity; DNA-binding transcription repressor activity, RNA polymerase II-specific; and transcription cis-regulatory region binding activity. Involved in several processes, including cellular glucose homeostasis; negative regulation of autophagy; and regulation of transcription, DNA-templated. Located in cytoplasm and nucleus.

Recommended Dilutions

WB 1:1000 - 1:5000**IP**

0.5 µg - 4 µg antibody for 200 µg - 400 µg extracts of whole cells

IF/ICC 1:100 - 1:400**ELISA**

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

221937

Swiss-Prot

P85037

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

FOXK1L; FOXK1

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

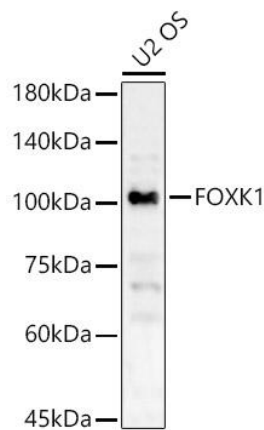
Purity

Affinity purification

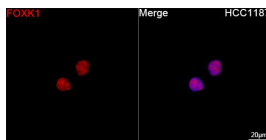
Storage

Store at -20°C

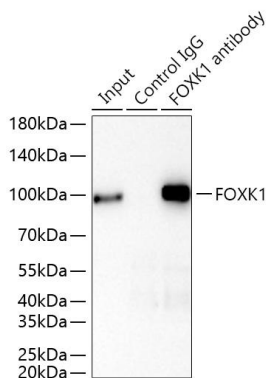
Validation Data



Western blot analysis of lysates from U2OS cells, using FOXK1 Rabbit pAb (A15220) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Confocal imaging of HCC1187 cells using FOXK1 Rabbit pAb (A15220, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunoprecipitation of FOXK1 from 300 µg extracts of Raji cells was performed using 2 µg of FOXK1 Rabbit pAb (A15220). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using FOXK1 Rabbit pAb (A15220) at a dilution of 1:14000.