# **FXR2 Rabbit pAb**

Catalog No.: A4313 1 Publications



## **Basic Information**

#### **Observed MW**

104kDa/95kDa

### **Calculated MW**

74kDa

#### Category

Primary antibody

## **Applications**

WB,IF/ICC,ELISA

#### **Cross-Reactivity**

Human, Mouse, Rat

## **Background**

The protein encoded by this gene is a RNA binding protein containing two KH domains and one RCG box, which is similar to FMRP and FXR1. It associates with polyribosomes, predominantly with 60S large ribosomal subunits. This encoded protein may self-associate or interact with FMRP and FXR1. It may have a role in the development of fragile X cognitive disability syndrome.

## **Recommended Dilutions**

**WB** 1:500 - 1:2000

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1  $\mu$ g/mL.

Please optimize the concentration based on your specific assay requirements.

## **Immunogen Information**

**Gene ID**9513

Swiss Prot
951116

#### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

## **Synonyms**

FXR2P; FMR1L2; FXR2

## **Contact**

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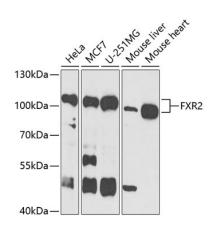
## **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



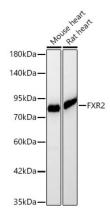
Western blot analysis of various lysates using FXR2 Rabbit pAb (A4313) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Western blot analysis of various lysates using FXR2 Rabbit pAb (A4313) at 1:1000 dilution incubated overnight at  $4^{\circ}$ C.

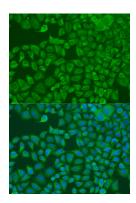
 $Secondary\ antibody:\ HRP-conjugated\ Goat\ anti-Rabbit\ IgG\ (H+L)\ (AS014)\ at\ 1:10000\ dilution.$ 

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 20s.



Immunofluorescence analysis of U2OS cells using FXR2 Rabbit pAb (A4313) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.