

## FXR1 Polyclonal Antibody

Catalog number: 13194-1-AP

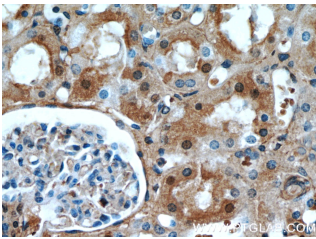
Size: 20 µg/150 µl

Source: Rabbit

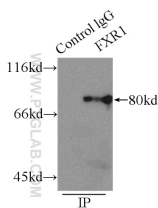
Isotype: IgG

Synonyms:

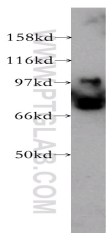
FXR1; FXR1, hFXR1p



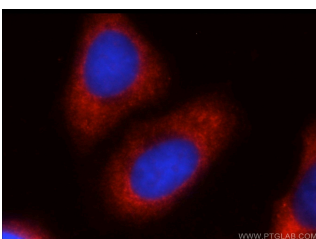
Immunohistochemical of paraffin-embedded human kidney using 13194-1-AP (FXR1 antibody) at dilution of 1:50 (under 40x lens)



IP Result of anti-FXR1 (IP:13194-1-AP, 3µg; Detection:13194-1-AP 1:800) with mouse skeletal muscle tissue lysate 8000ug.



mouse testis tissue were subjected to SDS PAGE followed by western blot with 13194-1-AP (FXR1 antibody) at dilution of 1:300



Immunofluorescent analysis

### Background

Tumour necrosis factor-alpha (TNF-alpha) is a key mediator of inflammation in host defence against infection and in autoimmune disease. Its production is controlled post-transcriptionally by multiple RNA-binding proteins that interact with the TNF-alpha AU-rich element and regulate its expression; Fragile X mental retardation-related protein 1 (FXR1) is one of these. FXR1 (fragile-X-mental retardation-related protein 1) are RNA-binding proteins that have been demonstrated to impact miRNA-mediated, post-transcriptional gene regulation, and required for embryonic and postnatal development of muscle tissue. It can regulate intracellular transport and local translation of certain mRNAs

### Applications

Tested applications:	ELISA, WB, IHC, IP, IF
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Mouse
Calculated FXR1 MW:	621aa, 70 kDa
Observed FXR1 MW:	60-80 kDa
Positive WB detected in	Mouse testis tissue, HEK-293 cells, HeLa cells, mouse heart tissue, mouse liver tissue, NIH/3T3 cells
Positive IP detected in	Mouse skeletal muscle tissue
Positive IHC detected in	Human kidney tissue, human heart tissue
Positive IF detected in	Ethacrynic acid treated HepG2 cells, HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag3873
GenBank accession number:	BC028983
Gene ID (NCBI):	8087
Full name:	Fragile X mental retardation, autosomal homolog 1

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

of Ethacrynic acid treated  
HepG2 cells using 13194-1-  
AP( FXR1 Antibody) at  
dilution of 1:25 and  
Rhodamine-Goat anti-Rabbit  
IgG