

For Research Use Only

FXR1 Monoclonal antibody, PBS Only

Catalog Number: 67813-1-PBS

Featured Product



Basic Information

Catalog Number:

67813-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG27800

GenBank Accession Number:

BC028983

GeneID (NCBI):

8087

UNIPROT ID:

P51114

Full Name:

fragile X mental retardation,
autosomal homolog 1

Calculated MW:

621 aa, 70 kDa

Observed MW:

70-80 kDa

Purification Method:

Protein A purification

CloneNo.:

1E12E8

Applications

Tested Applications:

WB, IHC, IF/ICC, IF-P, IP, ELISA

Species Specificity:

human, mouse, rat

Background Information

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. The FXR1 exists some isoforms with the MW 69 kDa and 60 kDa.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

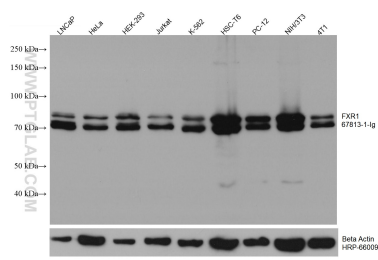
T: 4006900926

E: Proteintech-CN@ptglab.com

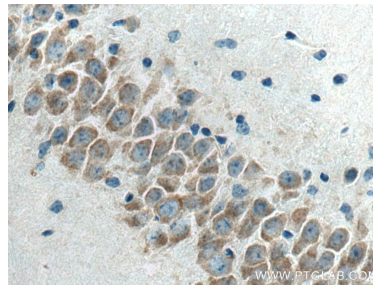
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

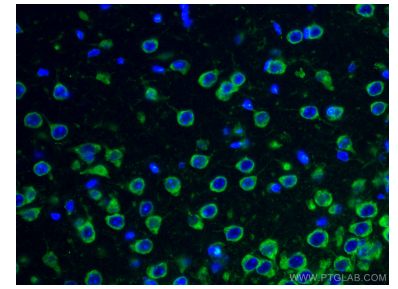
Selected Validation Data



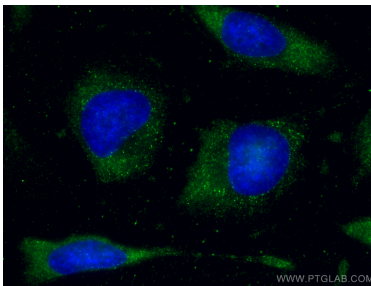
Various lysates were subjected to SDS PAGE followed by western blot with 67813-1-Ig (FXR1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 67813-1-PBS in a different storage buffer formulation.



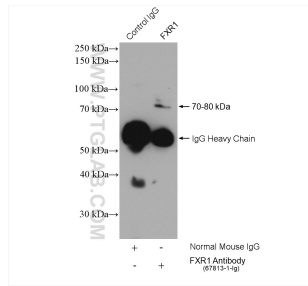
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67813-1-Ig (FXR1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67813-1-PBS in a different storage buffer formulation.



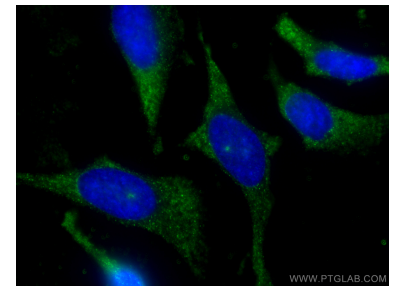
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using FXR1 antibody (67813-1-Ig, Clone: 1E12E8) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67813-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using FXR1 antibody (67813-1-Ig, Clone: 1E12E8) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67813-1-PBS in a different storage buffer formulation.



IP result of anti-FXR1 (IP:67813-1-Ig, 5ug; Detection:67813-1-Ig 1:1000) with K-562 cells lysate 3680 ug. This data was developed using the same antibody clone with 67813-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using FXR1 antibody (67813-1-Ig, Clone: 1E12E8) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67813-1-PBS in a different storage buffer formulation.