

Rabbit anti-Human, Mouse FXR2 Polyclonal Antibody | anti-FXR2 antibody

FXR2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323898	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

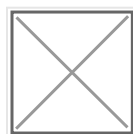
PRODUCT SYNONYMS

FXR2; Polyclonal Antibody; FXR2 Antibody; FMR1L2; Fragile X mental retardation 1 like 2; Fragile X mental retardation autosomal homolog 2; Fragile X mental retardation gene autosomal homolog 2; Fragile X mental retardation syndrome related protein 2; Fragile X mental retardation syndrome-related protein 2; FXR 2; FXR2 PEN; FXR2_HUMAN; FXR2P; Human fragile X mental retardation syndrome related protein FXR2 mRNA complete cds; anti-FXR2 antibody

PRODUCT SPECIFICATIONS

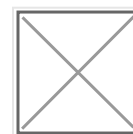
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	FXR2 antibody detects endogenous levels of total FXR2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	673
Applicable Applications for anti-FXR2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA323898 staining COLO205 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from COLO205 cells, using FXR2 antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA323898 at 1/100 staining Mouse heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-FXR2 antibody	Function: RNA-binding protein. Subunit Structure: Interacts with FMR1 (PubMed:7489725, PubMed:8668200, PubMed:11157796). Interacts with FXR1 (PubMed:7489725). Interacts with TDRD3 (PubMed:18664458). Interacts with HABP4 (PubMed:21771594). Interacts with CYFIP2 but not with CYFIP1 (By similarity). Similarity: The tandem Agenet-like domains preferentially recognize trimethylated histone peptides. Belongs to the FMR1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	259013556
NCBI GeneID	9513
NCBI Accession #	NP_004851.2
NCBI GenBank Nucleotide #	NM_004860.3
UniProt Accession #	P51116; Q86V09; Q8WUM2; B2R9M2; D3DTQ1
Molecular Weight	Observed: 74 kD Predicted: 75 kDa
NCBI Official Full Name	fragile X mental retardation syndrome-related protein 2
NCBI Official Synonym Full Names	FMR1 autosomal homolog 2
NCBI Official Symbol	FXR2
NCBI Official Synonym Symbols	FXR2P; FMR1L2
NCBI Protein Information	fragile X mental retardation syndrome-related protein 2
UniProt Protein Name	Fragile X mental retardation syndrome-related protein 2
UniProt Gene Name	FXR2
UniProt Synonym Gene Names	FMR1L2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fxr2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323898>