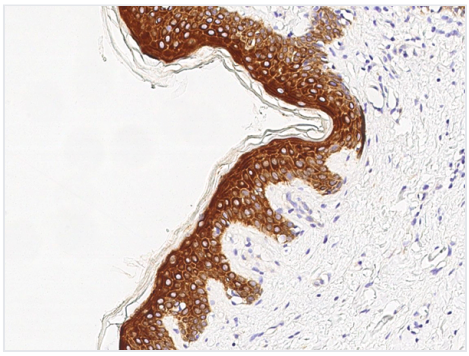
FXR1 Antibody – Rabbit Polyclonal

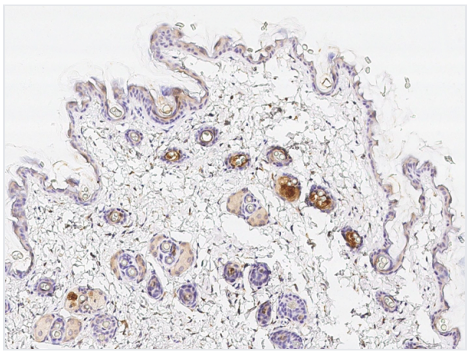
PRODUCT OVERVIEW

Product Name	FXR1, Polyclonal Antibody
Full Product Name	Anti-FXR1 Antibody, Rabbit Polyclonal
Product Gene Name	anti-FXR1 antibody
Product Synonym Names	FXR1 Antibody, Rabbit PAb, Antigen Affinity Purified; fragile X mental retardation, autosomal homolog 1; Anti-FXR1P Antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse Predicted to React with: Rat (Species predicted to react based on 100% sequence homology)
Form/Format	Liquid; 0.2um filtered solution in PBS
Purity/Purification	Protein A & Antigen Affinity
Specificity	Human FXR1
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Molecular Weight	59,920 Da
OMIM	600819
3D Structure	ModBase 3D Structure for P51114
Immunogen	A synthetic peptide corresponding to the center region of the Human FXR1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human FXR1, and purified by antigen affinity chromatography.
Applications Tested/Suitable for anti-FXR1 antibody	Immunohistochemistry-Paraffin (IHC-P)
Application Notes for anti-FXR1 antibody	IHC-P: 1:500-1:2000
Related Product Information for anti-FXR1 antibody	Fragile X mental retardation-related protein 1 (FXR1) is a cytoplasmic RNA-binding protein highly conserved among vertebrates. It has been studied for its role in muscle development, inflammation, and tumorigenesis, being related, for example, to metastasizing behavior in human and canine uveal melanoma. FXR1 is a novel COX-2 regulatory factor. FXR1 was highly expressed in human placental villi during early pregnancy. FXR1 is a multifunctional protein involved in translational regulation and stabilization of its mRNA targets in heart muscle, it directly regulates major gap junction components, contributing to proper cell-cell communication in the heart. FXR1-regulated senescence is irreversible and FXR1-depleted cells fail to form colonies to re-enter cellular proliferation. FXR1 expression is a candidate biomarker predictive of poor survival in multiple solid tumors including nonsmall cell lung cancer (NSCLC).
Other Notes	Small volumes of anti-FXR1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for FXR1 purchase	MBS8100799 is an antibody targeting FXR1. Also known as Anti-FXR1 Antibody, Rabbit Polyclonal. Reactive in Human, Mouse Predicted to React with: Rat (Species predicted to react based on 100% sequence homology). Host: Rabbit.



Immunohistochemistry (IHC) of anti-FXR1 antibody
Immunochemical staining FXR1 in human skin with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



Immunohistochemistry (IHC) of anti-FXR1 antibody
Immunochemical staining FXR1 in mouse skin with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FXR1. It may not necessarily be applicable to this product.

NCBI GI #	61835164
NCBI GeneID	8087
NCBI Accession #	NP_001013456
UniProt Primary Accession #	P51114
UniProt Secondary Accession #	Q7Z450; Q8N6R8; A8K9B8
UniProt Related Accession #	P51114
GenBank Nucleotide #	NM_001013438
NCBI Official Full Name	fragile X mental retardation syndrome-related protein 1 isoform b
NCBI Official Synonym Full Names	fragile X mental retardation, autosomal homolog 1
NCBI Official Symbol	FXR1
NCBI Official Synonym Symbols	FXR1P
UniProt Protein Name	Fragile X mental retardation syndrome-related protein 1
Protein Family	Fragile X mental retardation syndrome-related protein
UniProt Gene Name	FXR1
UniProt Synonym Gene Names	hFXR1p
UniProt Entry Name	FXR1_HUMAN
NCBI Protein Information	fragile X mental retardation syndrome-related protein 1; hFXR1p
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