

Rabbit anti-Human FOXA2 Polyclonal Antibody | anti-FOXA2 antibody

FOXA2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40690	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

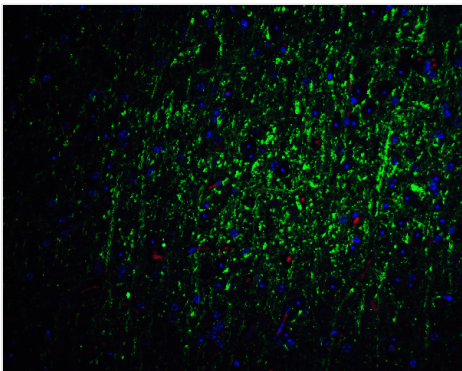
PRODUCT SYNONYMS

FOXA2; Polyclonal Antibody; FOXA2 Antibody; HNF3B; TCF3B; Hepatocyte nuclear factor 3-beta; Forkhead box protein A2; HNF-3-beta; forkhead box A2; anti-FOXA2 antibody

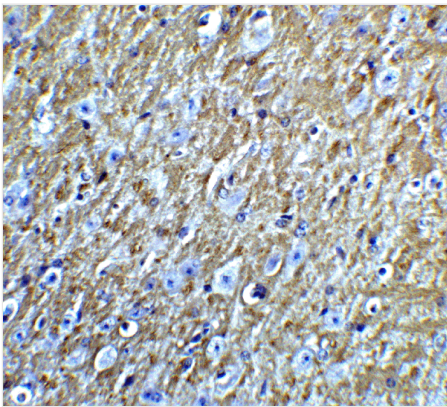
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two isoforms of FOXA2 are known to exist; this antibody will detect both isoforms. FOXA2 antibody is predicted to not cross-react with other members of the FOXA protein family.
Purity/Purification	FOXA2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	463
Applicable Applications for anti-FOXA2 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	FOXA2 antibody was raised against a 16 amino acid peptide near the center of human FOXA2.
Buffer	FOXA2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	FOXA2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

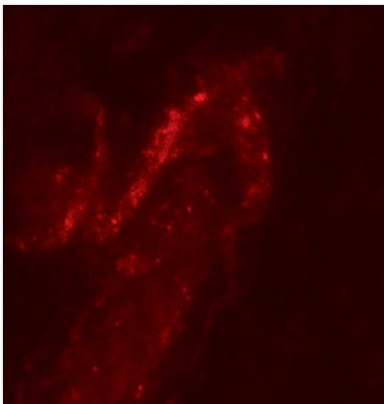
IMAGES



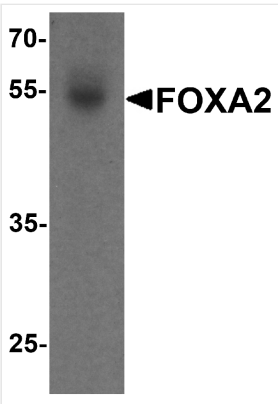
IF (Immunofluorescence)
Immunofluorescence of FOXA2 in mouse brain tissue with FOXA2 Antibody at 20 μ g/mL. Green: FOXA2 antibody (7257) Red: Phalloidin staining Blue: DAPI staining



IHC (Immunohistochemistry)
Immunohistochemistry of FOXA2 in mouse brain tissue with FOXA2 Antibody at 5 μ g/mL.



IF (Immunofluorescence)
Immunofluorescence of FOXA2 in human bladder tissue with FOXA2 antibody at 20 μ g/mL.



WB (Western Blot)
Western blot analysis of FOXA2 in human bladder tissue lysate with FOXA2 antibody at 1 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-FOX A2 antibody	FOX A2 Antibody: FOXA2 is one of three members of the FOXA family, a subset of the forkhead family of transcription factors which play vital roles in development. FOXA2 was initially identified through library screening as a closely related homolog of FOXA1. Both FOXA2 and FOXA1 act as transcriptional activators in adult liver and also play a role in body axis formation, neural tube patterning and definitive endoderm formation during gastrulation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194394143
NCBI GeneID	3170
NCBI Accession #	NP_068556
NCBI GenBank Nucleotide #	NM_021784.4
UniProt Accession #	Q9Y261; Q8WUW4; Q96DF7
Molecular Weight	Predicted: 51 kDa Observed: 54 kDa
NCBI Official Full Name	hepatocyte nuclear factor 3-beta isoform 1
NCBI Official Synonym Full Names	forkhead box A2

NCBI Official Symbol	FOXA2
NCBI Official Synonym Symbols	HNF3B; TCF3B
NCBI Protein Information	hepatocyte nuclear factor 3-beta; HNF-3B; TCF-3B; HNF-3-beta; forkhead box protein A2; transcription factor 3B; hepatic nuclear factor-3-beta; hepatocyte nuclear factor 3, beta
UniProt Protein Name	Hepatocyte nuclear factor 3-beta
UniProt Gene Name	FOXA2
UniProt Synonym Gene Names	HNF3B; TCF3B; HNF-3-beta; HNF-3B; TCF-3B
UniProt Entry Name	FOXA2_HUMAN

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/foxa2-antibody-immunofluorescence-western-blot-elisa/40690>