

Rabbit FOXA2 Polyclonal Antibody | anti-FOXA2 antibody

FOXA2 Antibody (C-term)

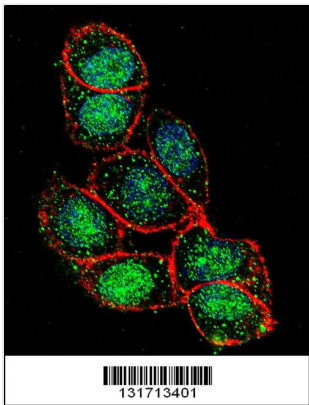
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287445	Rabbit	Human, rat (Predicted Reactivity: Mouse)	Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

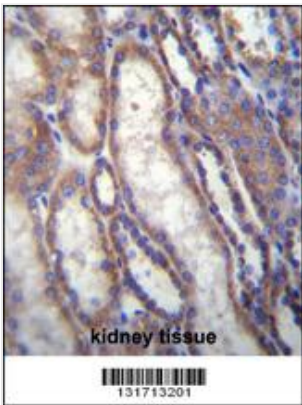
FOXA2; Polyclonal Antibody; FOXA2 Antibody (C-term); Hepatocyte nuclear factor 3-beta; HNF-3-beta; HNF-3B; Forkhead box protein A2; Transcription factor 3B; TCF-3B; HNF3B; TCF3B; anti-FOXA2 antibody

PRODUCT SPECIFICATIONS

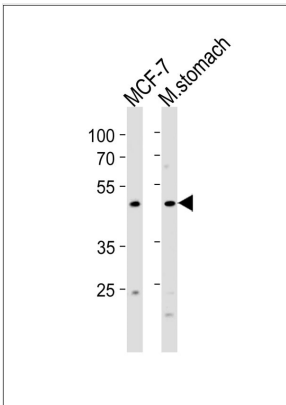
Host	Rabbit
Reactivity	Human, rat (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FOXA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 380-407 amino acids from the C-terminal region of human FOXA2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	380-407
Sequence Length	463
Applicable Applications for anti-FOXA2 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of FOXA2 Antibody (C-term) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
FOXA2 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of FOXA2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
FOXA2 Antibody (C-term) western blot analysis in MCF-7 cell line and rat stomach tissue lysates (35ug/lane). This demonstrates the FOXA2 antibody detected the FOXA2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-FOXA2 antibody	This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific genes such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver. This gene has been linked to sporadic cases of maturity-onset diabetes of the young. Transcript variants encoding different isoforms have been identified for this gene.
Product Categories/Family for anti-FOXA2 antibody	Crown Antibodies; Developmental Biology; Neuroscience
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Banerjee, A., et al. J. Virol. 84(12):5936-5946(2010) Dayoub, R., et al. Biochem. Biophys. Res. Commun. 395(4):465-470(2010) Xing, C., et al. Am. J. Hum. Genet. 86(3):440-446(2010) Song, Y., et al. Cancer Res. 70(5):2115-2125(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	194394143
NCBI GeneID	3170
NCBI Accession #	NP_068556.2; NP_710141.1
NCBI GenBank Nucleotide #	NM_021784.4
UniProt Accession #	Q9Y261; Q8WUW4; Q96DF7
Molecular Weight	48306
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
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://www.aaabiotech.com/polyclonal/foxa2-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/287445>