Mouse FOXA1 Monoclonal Antibody | anti-FOXA1 antibody

FOXA1 (Forkhead Box A1, HNF3A, MGC33105, TCF3A) (AP)

CATALOG #	HOST	APPLICATIONS
AAA25950	**Mouse**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

FOXA1; Monoclonal Antibody; FOXA1 (Forkhead Box A1; HNF3A; MGC33105; TCF3A) (AP); Forkhead Box A1; TCF3A; anti-FOXA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1B1
Specificity	Recognizes FOXA1.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Applicable Applications for anti-FOXA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	FOXA1 (NP_004487, 367aa-472aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	LASVPASHPAHGLAPHESQLHLKGDPHYSFNHPFSINNLMSSSEQQHKLDFKAYEQALQYSPYGSTLPASLPLGSASVTTRSPIEPSALEPAYYQGVYSR
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES

Application Data
Detection limit for recombinant GST tagged FOXA1 is approximately 0.03ng/ml as a capture antibody.

WB (Western Blot)
FOXA1 monoclonal antibody (M02), clone 1B1 Western Blot analysis of FOXA1 expression in HepG2.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to FOXA1 on HepG2 cell. [antibody concentration 10 ug/ml]

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Immunofluorescence of monoclonal antibody to FOXA1 on HepG2 cell. [antibody concentration 10 ug/ml]

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to FOXA1 on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]

Application Data
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ADDITIONAL INFORMATION

Related Product Information for anti-FOXA1 antibody	This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific transcripts 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. [provided by RefSeq]
Product Categories/Family for anti-FOXA1 antibody	Antibodies; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	24497501
NCBI GeneID	3169
NCBI Accession #	NP_004487
NCBI GenBank Nucleotide #	NM_004496.3
UniProt Accession #	P55317; Q9H2A0; B2R9H6; B7ZAP5
Molecular Weight	52 kDa
NCBI Official Full Name	hepatocyte nuclear factor 3-alpha
NCBI Official Synonym Full Names	forkhead box A1
NCBI Official Symbol	FOXA1
NCBI Official Synonym Symbols	HNF3A; TCF3A
NCBI Protein Information	hepatocyte nuclear factor 3-alpha; HNF-3A; TCF-3A; HNF-3-alpha; forkhead box protein A1; transcription factor 3A
UniProt Protein Name	Hepatocyte nuclear factor 3-alpha
UniProt Gene Name	**FOXA1**
UniProt Synonym Gene Names	HNF3A; TCF3A; HNF-3-alpha; HNF-3A; TCF-3A
UniProt Entry Name	FOXA1_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/monoclonal/foxa1-antibody-clone-1b1-immunohistochemistry-western-blot-elisa/25950