
Product Name: FOXA1 Rabbit Monoclonal antibody**Catalog #: AMRe01996**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.14mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 49 kDa; Observed MW: 49 kDa

Antigen Information

Gene Name	FOXA1
Alternative Names	FOXA1; Forkhead box A1; Forkhead box protein A1; HNF-3-alpha; TCF3A; HNF3A; Transcription factor 3A
Gene ID	3169
SwissProt ID	P55317
Immunogen	Recombinant protein of human FOXA1

Background

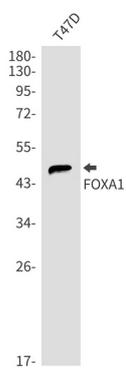
Forkhead box protein A1 is a transcription factor required for the development of endoderm-derived organs, such as liver, lung,

and prostate. FoxA1 functions as a pioneer factor that is recruited primarily to the distant enhancers to change chromatin structure for transcription in a cell type-specific manner. Involved in regulation of apoptosis by inhibiting the expression of BCL2. Involved in cell cycle regulation by activating expression of CDKN1B, alone or in conjunction with BRCA1.

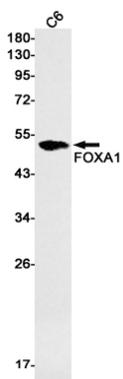
Research Area

Epigenetics and Nuclear Signaling

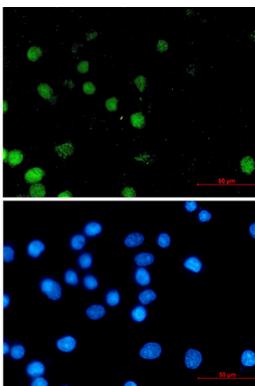
Image Data



Western blot analysis of FOXA1 in T47D lysates using FOXA1 antibody.



Western blot analysis of FOXA1 in C6 lysates using FOXA1 antibody.



Immunocytochemistry analysis of FOXA1 (green) in MCF-7 using FOXA1 antibody, and DAPI (blue)