

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

FOXA1 RABBIT MAB

Cat.#: N262232

Product Name: Anti-FOXAl Rabbit Monoclonal Antibody

Synonyms: FOXA1; Forkhead box A1; Forkhead box protein A1; HNF-3-alpha; TCF3A; HNF3A; Transcription factor 3A

UNIPROT ID: P55317

Background: Forkhead box protein Al is a transcription factor required for the development of endoderm-derived organs, such as liver, lung, and prostate. FoxAl 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 CDKNIB, alone or in conjunction with BRCAI.

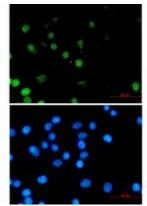
Immunogen: Recombinant protein of human FOXA1 Applications: WB,ICC/IF Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 Host Species: Rabbit Clonality: Rabbit Monoclonal Clone ID: R04-5A7 MW: Calculated MW: 49 kDa; Observed MW: 49 kDa Isotype: IgG Purification: Affinity Purified Species Reactivity: Human,Rat Conjugation: Unconjugated Modification: Unmodified Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

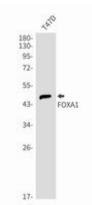


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Immunocytochemistry analysis of FOXA1 (green) in MCF-7 using FOXA1 antibody,and DAPI(blue)



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



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