

10-7575: Monoclonal antibody to FOXA1 (Clone: ABM4A82)

Clonality :	Monoclonal
Clone Name :	ABM4A82
Application :	IHC,WB
Reactivity :	Human
Gene :	FOXA1
Gene ID :	3169
Uniprot ID :	P55317
Format :	Purified
Alternative Name :	FOXA1,HNF3A,TCF3A
Isotype :	Mouse IgG2b Kappa
Immunogen Information :	A partial length recombinant protein from C terminal portion of hFOXA1 was used as the immunogen for this antibody.

Description

FoxA1 (forkhead box A1), also called HNF-3 alpha (hepatocyte nuclear factor 3 alpha) or TCF3A (transcription factor 3A) is a 473 amino acid (aa), 49 kDa (predicted) protein of the forkhead nuclear transcription factor family. Also known as hepatocyte nuclear factors, which are transcriptional activators for liver-specific transcripts such as albumin and transthyretin. The HNF3 family, including HNF3A, HNF3B, and HNF3G, are members of the forkhead class of DNA-binding proteins. It regulates transcription downstream of the estrogen receptor and other steroid hormone receptors.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 µg/ml; Immunohistochemistry: 5-10 µg/ml

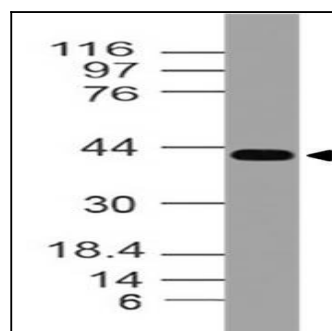


Fig:1- Expression analysis of FOXA1. Anti-FOXA1 antibody (Clone: ABM4A82) was tested at 2 µg/ml on HEK 293 lysate.

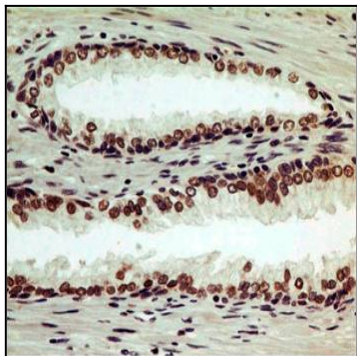


Fig:2-Immunohistochemical analysis of FOXA1 in human Prostate tissue using FOXA1 antibody (Clone: ABM4A82) at 5 µg/ml.