

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ABM4A82
<b>Application :</b>	IHC,WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	FOXA1
<b>Gene ID :</b>	3169
<b>Uniprot ID :</b>	P55317
<b>Format :</b>	Purified
<b>Alternative Name :</b>	FOXA1,HNF3A,TCF3A
<b>Isotype :</b>	Mouse IgG2b Kappa
<b>Immunogen Information :</b>	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

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	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.
<b>Storage condition :</b>	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

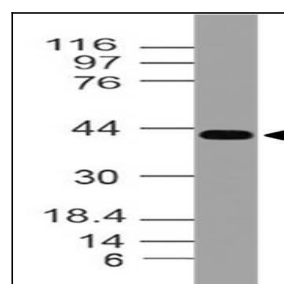


Fig:1- Expression analysis of FOXA1. Anti-FOXA1 antibody (Clone: ABM4A82) was tested at 2 µg/ml on HEK 293 lysate.

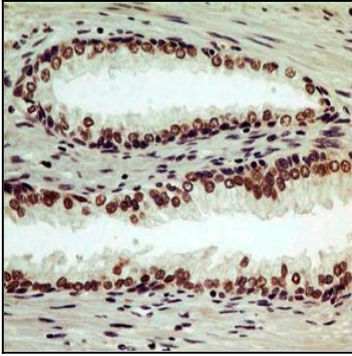


Fig:2-Immunohistochemical analysis of FOXA1 in human Prostate tissue using FOXA1 antibody (Clone: ABM4A82) at 5  $\mu$ g/ml.