

**Rabbit Anti-FOXA1 [EP277]: RM0291**

**Intended Use:** For Research Use Only

**Description:** The transcription factor Forkhead-box A1 (FOXA1), also known as hepatocyte nuclear factor 3-alpha, is a member of the FOX class of transcription factors. FOXA1 has been identified as a hepatocyte enriched factor required for the expression of transthyretin and  $\alpha$ 1-antitrypsin. Recently, FOXA1 has been shown to be a major determinant of estrogen-ER activity and endocrine response in breast cancer cells. FOXA1 expression correlates with estrogen receptor (ER)-positivity, especially in luminal subtype A breast cancers, which is associated with favorable prognosis.

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**Specifications:**

Clone: EP277  
Source: Rabbit  
Isotype: IgG  
Reactivity: Human, mouse, rat  
Localization: Nucleus  
Formulation: Antibody in PBS pH7.4, containing BSA, glycerol, and  $\leq 0.09\%$  sodium azide (NaN<sub>3</sub>).  
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles  
Applications: IHC, ICC/IF, WB  
Package:

Description	Catalog No.	Size
FOXA1 Concentrated	RM0291	1 ml

**IHC Procedure\*:**

Positive Control Tissue: Breast cancer  
Concentrated Dilution: 50-200  
Pretreatment: Citrate pH6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C  
Incubation Time and Temp: 30-60 minutes @ RT  
Detection: Refer to the detection system manual

\* Result should be confirmed by an established diagnostic procedure.