

# FOXA1 antibody [HL3168]

**Cat. No. GTX640686**

|                     |                           |
|---------------------|---------------------------|
| <b>Host</b>         | Rabbit                    |
| <b>Clonality</b>    | Monoclonal                |
| <b>Isotype</b>      | IgG                       |
| <b>Applications</b> | WB, ICC/IF, IHC-P, IHC-Wm |
| <b>Reactivity</b>   | Human, Mouse, Zebrafish   |

**Package**  
100 µl, 25 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:3000         |
| ICC/IF             | Assay dependent      |
| IHC-P              | Assay dependent      |
| IHC-Wm             | Assay dependent      |

Not tested in other applications.

**Observed MW (kDa)** 55, 60, 70 kDa.

**Product Note** This antibody may not be suitable for zebrafish ICC/IF / IHC-P assay, as its zebrafish reactivity is based on WB / IHC-Wm testing.

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS                                                                                                                                                                                                                        |
| <b>Preservative</b>  | No preservatives                                                                                                                                                                                                           |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                   |
| <b>Immunogen</b>     | Synthetic peptide of human FOXA1.                                                                                                                                                                                          |
| <b>Purification</b>  | Affinity purified by Protein A.                                                                                                                                                                                            |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |

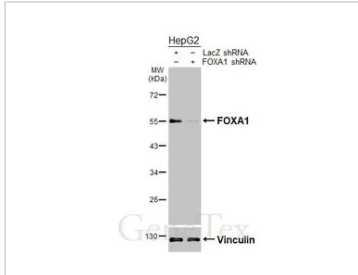


For full product information, images and publications, please visit our [website](#).

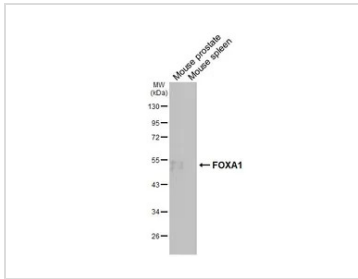
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**Note**

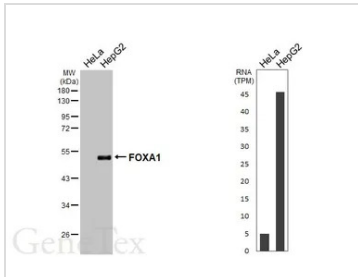
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**DATA IMAGES**

**GTX640686 WB Image**

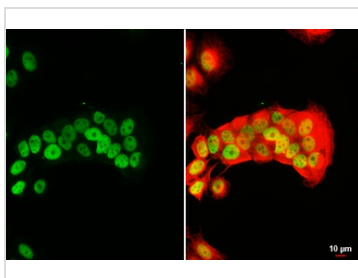
Non-transfected (–) and transfected (+) HepG2 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with FOXA1 antibody [HL3168] (GTX640686) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX640686 WB Image**

Various tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with FOXA1 antibody [HL3168] (GTX640686) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.


**GTX640686 WB Image**

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with FOXA1 antibody [HL3168] (GTX640686) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.


**GTX640686 ICC/IF Image**

FOXA1 antibody [HL3168] detects FOXA1 protein by immunofluorescent analysis.

Sample: MCF-7 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: FOXA1 stained by FOXA1 antibody [HL3168] (GTX640686) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.



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