

Product datasheet for **TA326635**

FOXA1 Rabbit Polyclonal Antibody

Product data:

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|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB: 1 - 2 ug/mL |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Rabbit polyclonal FOXA1 antibody was raised against a 17 amino acid peptide near the center of human FOXA1. |
| Formulation: | FOXA1 Antibody is supplied in PBS containing 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | FOXA1 Antibody is affinity chromatography purified via peptide column. |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 52 kDa |
| Gene Name: | forkhead box A1 |
| Database Link: | NP_004487 Entrez Gene 3169 Human P55317 |



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Background:

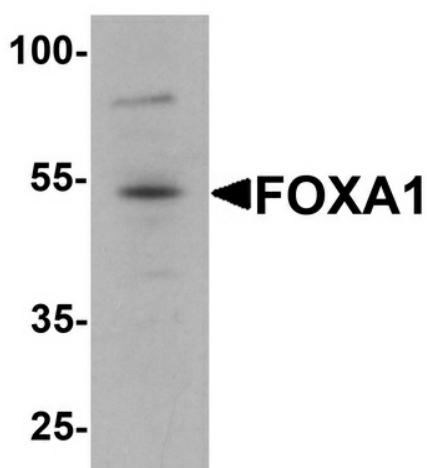
FOXA1 Antibody: FOXA1 is one of three members of the FOXA family, a subset of the forkhead family of transcription factors which play vital roles in development. It has also been implicated in the development of a number of other organs including the androgen and estrogen regulated tissues of the breast and prostate. FOXA1 modulates the transcriptional activity of nuclear hormone receptors and regulates apoptosis by inhibiting the expression of BCL-2. It is an essential protein for the transcriptional activity of both androgen receptor (AR) and estrogen receptor- α (ER). FOXA1 plays a pivotal role from early stage cancer through to drug resistant and metastatic disease. FOXA1 is not only an attractive therapeutic target but could potentially function as a novel biomarker.

Synonyms:

HNF3A; TCF3A

Protein Families:

ES Cell Differentiation/IPS, Transcription Factors

Product images:

Western blot analysis of FOXA1 in 293 cell lysate with FOXA1 antibody at 1 ug/mL