

## Product datasheet for **TA302874**

### FOXA2 Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1-3 µg/ml. IHC: 4-8 µg/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-GVYSRPIMNSS, from the C Terminus of the protein sequence according to NP_068556.1; NP_710141.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	forkhead box A2
Database Link:	<a href="#">NP_068556</a> <a href="#">Entrez Gene 15376 Mouse</a> <a href="#">Entrez Gene 25099 Rat</a> <a href="#">Entrez Gene 3170 Human</a> <a href="#">Q9Y261</a>



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**Background:**

This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific genes such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver. This gene has been linked to sporadic cases of maturity-onset diabetes of the young. Transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]

**Synonyms:**

HNF3B; TCF3B

**Protein Families:**

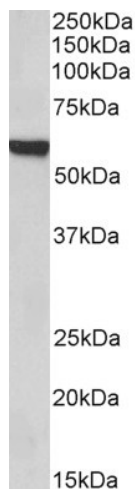
Embryonic stem cells, ES Cell Differentiation/IPS, Induced pluripotent stem cells, Transcription Factors

**Protein Pathways:**

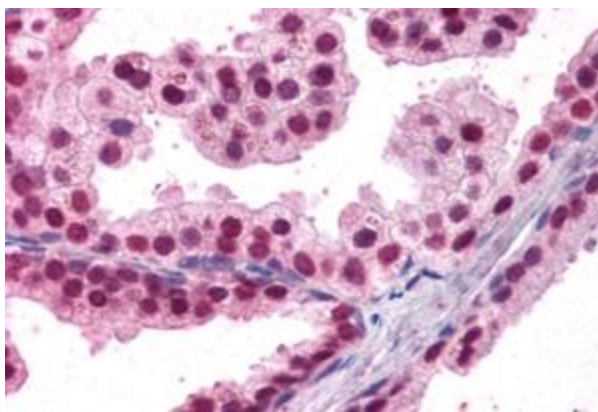
Maturity onset diabetes of the young

**Product images:**

TA302874 (1ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



TA302874 (1ug/ml) staining of Rat Lung lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



TA302874 (3.8ug/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.