

## Goat FOXA2/HNF3B Polyclonal Antibody | anti-FOXA2 antibody

Goat anti-FOXA2/HNF3B Antibody

| CATALOG # | HOST | REACTIVITY                                                               | APPLICATIONS                              |
|-----------|------|--------------------------------------------------------------------------|-------------------------------------------|
| AAA61217  | Goat | Tested: Human, Rat; Expected from sequence similarity: Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

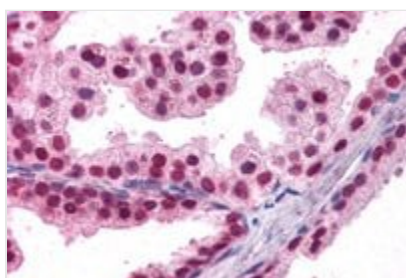
### PRODUCT SYNONYMS

FOXA2/HNF3B; Polyclonal Antibody; Goat anti-FOXA2/HNF3B Antibody; Goat Anti-FOXA2 / HNF3B; Biotinylated Antibody; FOXA2; HNF3B; forkhead box A2; TCF3B; MGC19807; hepatic nuclear factor-3-beta; hepatocyte nuclear factor 3; beta; FOXA2 antibody; HNF3B antibody; forkhead box A2 antibody; TCF3B antibody; MGC19807 antibody; hepatic nuclear factor-3-beta antibody; beta antibody; FOXA2 / HNF3B; anti-FOXA2 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                       |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Goat                                                                                                                                  |
| Reactivity                                      | Tested: Human, Rat; Expected from sequence similarity: Human, Mouse, Rat                                                              |
| Clonality                                       | Polyclonal                                                                                                                            |
| Purity/Purification                             | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Form/Format                                     | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                       |
| Sequence Length                                 | 463                                                                                                                                   |
| Applicable Applications for anti-FOXA2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)                                                                  |
| Immunogen                                       | Peptide with sequence C-GVYSRPIMNSS, from the C Terminus of the protein sequence according to NP_068556.2; NP_710141.1.               |
| Note                                            | This antibody is expected to recognise both reported isoforms: NP_068556.2; NP_710141.1                                               |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-6554                                                          |
| Preparation and Storage                         | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                     |

### IMAGES



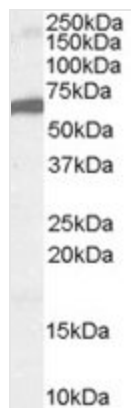
#### IHC (Immunohistochemistry)

AAA61217 (3.8ug/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



#### WB (Western Blot)

AAA61217 (1ug/ml) staining of Rat Lung lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence



#### WB (Western Blot)

AAA61217 (1ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## ADDITIONAL INFORMATION

|            |                                                                                                                                                                                                                                                           |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Nakamura K, Moore R, Negishi M, Sueyoshi T.; Nuclear pregnane X receptor cross-talk with FoxA2 to mediate drug-induced regulation of lipid metabolism in fasting mouse liver.; J Biol Chem.2007 Mar 30;282(13): 9768-76.; <a href="#">Pubmed 17267396</a> |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## NCBI AND UNIPROT INFORMATION

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | <a href="#">194394143</a>                                 |
| NCBI GeneID                      | <a href="#">3170</a>                                      |
| NCBI Accession #                 | <a href="#">NP_068556.2</a> ; <a href="#">NP_710141.1</a> |
| NCBI GenBank Nucleotide #        | <a href="#">NM_021784.4</a>                               |
| NCBI Official Full Name          | hepatocyte nuclear factor 3-beta isoform 1                |
| NCBI Official Synonym Full Names | forkhead box A2                                           |
| NCBI Official Symbol             | FOXA2                                                     |
| NCBI Official Synonym Symbols    | HNF3B; TCF3B                                              |
| NCBI Protein Information         | hepatocyte nuclear factor 3-beta                          |
| UniProt Protein Name             | Hepatocyte nuclear factor 3-beta                          |
| UniProt Gene Name                | <b>FOXA2</b>                                              |
| UniProt Synonym Gene Names       | HNF3B; TCF3B; HNF-3-beta; HNF-3B; TCF-3B                  |
| UniProt Entry Name               | FOXA2_HUMAN                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/foxa2-hnf3b-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/61217>