

## Anti-HNF1/HNF1A Antibody Picoband® HRP Conjugated

Catalog Number: PB9214-HRP

### About HNF1A

HNF1 homeobox A (hepatocyte nuclear factor 1 homeobox A), also known as HNF1A or TCF1, is a human gene. It is mapped to chromosome 12q24.3. The protein encoded by this gene is a transcription factor that is highly expressed in the liver and is involved in the regulation of the expression of several liver-specific genes. HNF1A can function as a dimer. What's more, deletion of the HNF1A activation domains or interruption of the HNF1-binding sites in the LCT promoter resulted in complete loss of transcriptional activity.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-HNF1/HNF1A Antibody Picoband® HRP Conjugated                                   |
| Reactive Species     | Human   |
| Clonality            | Polyclonal  |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.    |
| Host                 | Rabbit  |
| Uniprot ID           | P20823  |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | E.coli-derived human HNF1 recombinant protein (Position: A431-Q631). Human HNF1 shares 93% and 92% amino acid (aa) sequences identity with mouse and rat HNF1, respectively. |
| Cross Reactivity    | No cross-reactivity with other proteins  |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | HRP  |
| Suggested Dilutions | The intended application should be selected according to the customer's experimental requirements.   |

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