

Datasheet for ABIN3044467
anti-ONECUT1 antibody (N-Term)

6 Images

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Overview

Quantity:	100 µg
Target:	ONECUT1
Binding Specificity:	AA 187-203, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Hepatocyte nuclear factor 6(ONECUT1) detection. Tested with WB, IHC-P, IHC-F, ICC in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human HNF6(187-203aa LGSIHNSQQGLPHYAHP), identical to the related mouse and rat sequences.
Sequence:	LGSIHNSQQG LPHYAHP
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for Hepatocyte nuclear factor 6(ONECUT1) detection. Tested with WB, IHC-P, IHC-F, ICC in Human,Mouse,Rat.</p> <p>Gene Name: one cut homeobox 1</p> <p>Protein Name: Hepatocyte nuclear factor 6</p>

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: ONECUT1

Alternative Name: ONECUT1 ([ONECUT1 Products](#))

Background: One cut homeobox 1 (ONECUT1), also called Hepatocyte nuclear factor 6 (HNF6) is found strong expression in liver and lower expression in testis and skin. ONECUT1 gene is mapped to 15q21.3. This gene encodes a member of the Cut homeobox family of transcription factors. Expression of the encoded protein is enriched in the liver, where it stimulates transcription of liver-expressed genes, and antagonizes glucocorticoid-stimulated gene transcription. This gene may influence a variety of cellular processes including glucose metabolism, cell cycle regulation, and it may also be associated with cancer.

Synonyms: Hepatocyte nuclear factor 6 antibody|HNF 6 antibody|HNF6A antibody|One cut domain family member 1 antibody|Onecut1 antibody

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Rat, Predicted Species: Mouse, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.
IHC-F: Concentration: 0.5-1 µg/mL, Tested Species: Rat, Predicted Species: Human, Mouse
ICC: Concentration: 0.5-1 µg/mL, Tested Species: Human, Predicted Species: Mouse, Rat
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested.
Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P), IHC(F) and ICC.

Restrictions: For Research Use only

Handling

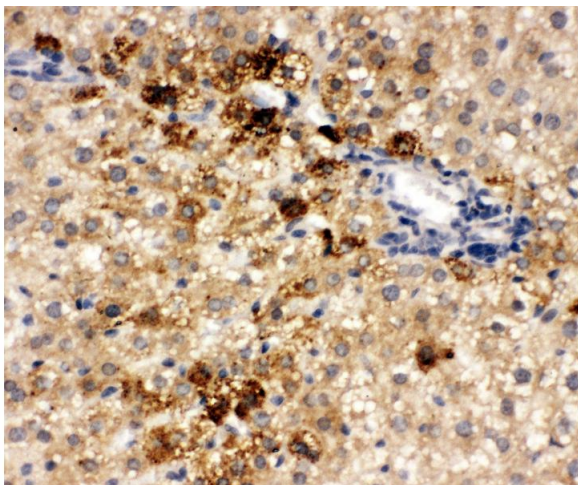
Format: Lyophilized

Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

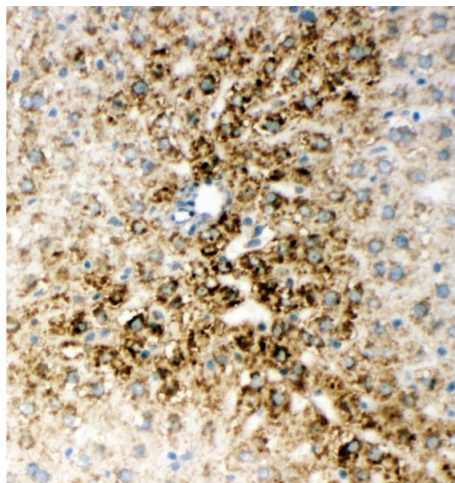
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Expiry Date:	12 months

Images



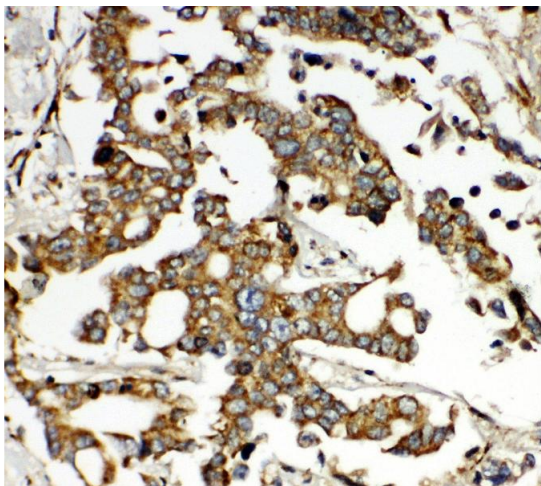
Immunohistochemistry

Image 1. Anti-HNF6 antibody, IHC(P) IHC(P): Rat Liver Tissue



Immunohistochemistry

Image 2. Anti-HNF6 antibody, IHC(F) IHC(F): Rat Liver Tissue



Immunohistochemistry

Image 3. Anti-HNF6 antibody, IHC(P) IHC(P): Human Liver Cancer Tissue

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3044467.