

Anti-HNF6 Antibody

Catalog # ABO11524

Product Information

Application	WB, IHC-P, IHC-F, ICC
Primary Accession	Q9UBC0
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Hepatocyte nuclear factor 6(ONECUT1) detection. Tested with WB, IHC-P, IHC-F, ICC in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	3175
Other Names	Hepatocyte nuclear factor 6, HNF-6, One cut domain family member 1, One cut homeobox 1, ONECUT1, HNF6, HNF6A
Calculated MW	51023
Application Details	Immunocytochemistry , 0.5-1 μ g/ml, Human, Mouse, Rat Immunohistochemistry(Frozen Section), 0.5-1 μ g/ml, Rat, Human, Mouse Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μ g/ml, Human, Rat, Mouse, By Heat Western blot, 0.1-0.5 μ g/ml, Human, Mouse, Rat
Subcellular Localization	Nucleus.
Tissue Specificity	Highly expressed in liver; lower expression in testis and skin.
Source	Eukaryota
Protein Name	Hepatocyte nuclear factor 6
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ .
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.
Purification	Immunogen affinity purified.

Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After r ° Constitution, 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.
Sequence Similarities	Belongs to the CUT homeobox family.

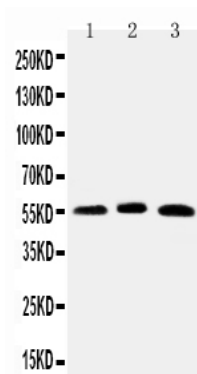
Protein Information

Name	ONECUT1
Synonyms	HNF6, HNF6A
Function	Transcriptional activator. Binds the consensus sequence 5'-DHWATTGAYTWWD-3' on a variety of gene promoters such as those of HNF3B and TTR. Important for liver genes transcription.
Cellular Location	Nucleus.
Tissue Location	Highly expressed in liver; lower expression in testis and skin

Background

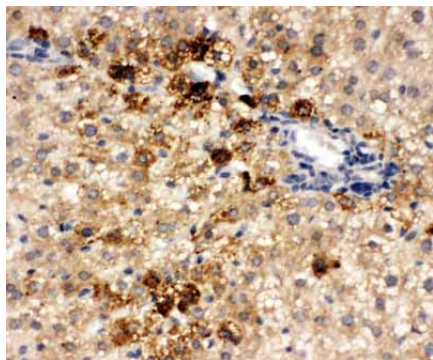
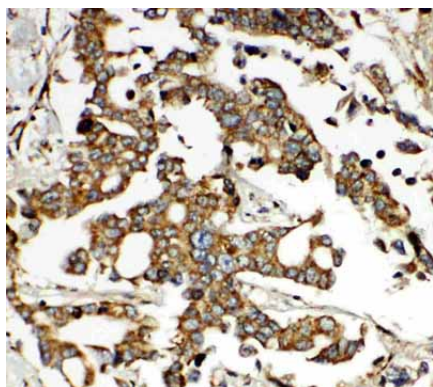
One cut homeobox 1(ONECUT1), also called Hepatocyte nuclear factor 6(HNF6) is found strong expression in liver and lower expression in testis and skin. ONECUT1 gene is mapped to 15q21.3. This gene encodes a member of the Cut homeobox family of transcription factors. Expression of the encoded protein 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.

Images

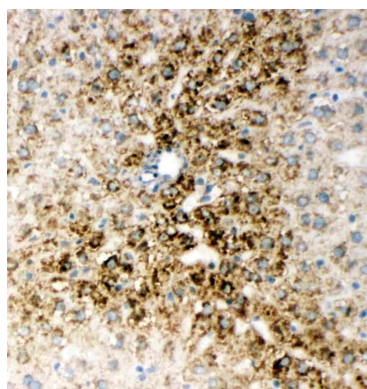


Anti-HNF6 antibody, ABO11524, Western blotting
Lane 1: Rat Liver Tissue Lysate
Lane 2: Mouse Liver Tissue Lysate
Lane 3: HELA Cell Lysate

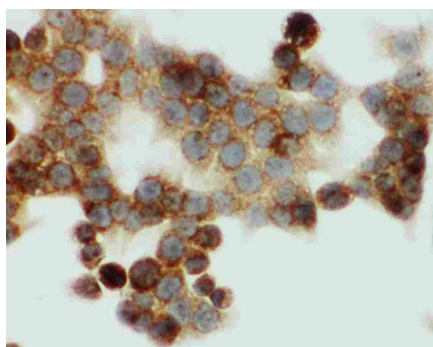
Anti-HNF6 antibody, ABO11524, IHC(P)IHC(P): Human Liver Cancer Tissue



Anti-HNF6 antibody, ABO11524, IHC(P)IHC(P): Rat Liver Tissue



Anti-HNF6 antibody, ABO11524, IHC(F)IHC(F): Rat Liver Tissue



Anti-HNF6 antibody, ABO11524, ICCICC: HCT116 Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.