

For Research Use Only

ONECUT1 Polyclonal antibody

Catalog Number: 25137-1-AP **3 Publications**



Basic Information

Catalog Number: 25137-1-AP	GenBank Accession Number: BC140830	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 433 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3175	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: one cut homeobox 1	
Isotype: IgG	Calculated MW: 465 aa, 51 kDa	
Immunogen Catalog Number: AG18250	Observed MW: 51-55 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : mouse liver tissue,
Species Specificity: human, mouse	IHC : human liver cancer tissue, human liver tissue
Cited Species: human, mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

ONECUT1, also named as Hepatocyte nuclear factor 6 (HNF6), is a 465 amino acid protein, which contains one CUT DNA-binding domain and one homeobox DNA-binding domain. ONECUT1 localizes in the nucleus and belongs to the CUT homeobox family. ONECUT1 as a transcription activator is involved in the some liver genes transcription. ONECUT1 is highly expressed in liver and lower in testis, skin.

Notable Publications

Author	Pubmed ID	Journal	Application
Giorgio Caratti	30179226	J Clin Invest	WB
Xinna Ma	35305922	Viol Sin	WB
Ruidong Hao	25653429	J Virol	WB

Storage

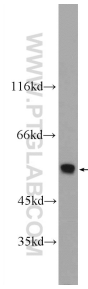
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

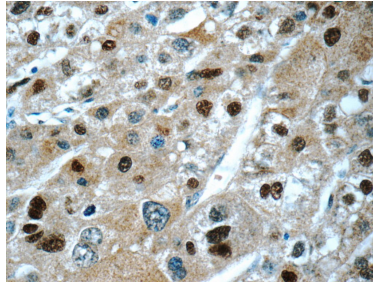
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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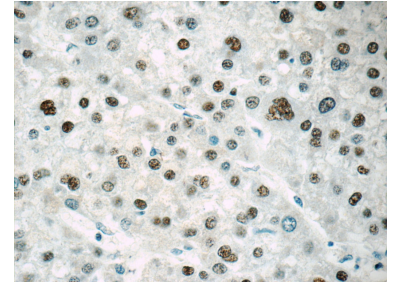
Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 25137-1-AP (ONECUT1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 25137-1-AP (ONECUT1 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 25137-1-AP (ONECUT1 Antibody) at dilution of 1:200 (under 40x lens).