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### Datasheet for ABIN2780599 anti-ONECUT1 antibody (Middle Region)

2 Images

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#### Overview

Quantity:	100 μL
Target:	ONECUT1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ONECUT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ONECUT1
Sequence:	ITISQQLGLE LSTVSNFFMN ARRRSLDKWQ DEGSSNSGNS SSSSSTCTKA
Predicted Reactivity:	Cow: 93%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 86%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against ONECUT1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	ONECUT1

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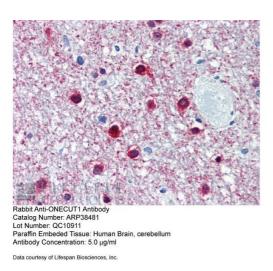
Target Details		
Alternative Name:	ONECUT1 (ONECUT1 Products)	
Background:	ONECUT1 belongs to the CUT homeobox family. It contains 1 CUT DNA-binding domain and 1 homeobox DNA-binding domain. It is a transcriptional activator. ONECUT1 binds the consensus sequence 5'-DHWATTGAYTWWD-3' on a variety of gene promoters such as those of HNF3B and TTR. It is important for liver genes transcription. Alias Symbols: HNF-6, HNF6, HNF6A Protein Interaction Partner: NR0B2, KAT2B, FOXA2, CREBBP, NR3C1, FOXA1, Protein Size: 465	
Molecular Weight:	51 kDa	
Gene ID:	3175	
NCBI Accession:	NM_004498, NP_004489	
UniProt:	Q9UBC0	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 465 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.	

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Yuan, Wang, Hu, Tang, Shi, Guo, Song: "Hepatocyte nuclear factor 6 suppresses the migration and invasive growth of lung cancer cells through p53 and the inhibition of epithelialmesenchymal transition." in: **The Journal of biological chemistry**, Vol. 288, Issue 43, pp. 31206-16, (2013) (PubMed).

Huang, Mei, Yu, Zhang, Han, Jiang, Zhou: "Distribution of the interstitial Cajal-like cells in the gallbladder and extrahepatic biliary duct of the guinea-pig." in: **Acta histochemica**, Vol. 111, Issue 2, pp. 157-65, (2009) (PubMed).

#### Images



#### Immunohistochemistry

**Image 1.** Immunohistochemistry with Human Brain, cerebellum tissue at an antibody concentration of 5.0ug/ml using anti-ONECUT1 antibody

# 90 kDa\_\_ 65 kDa\_\_ 40 kDa\_\_ 31 kDa\_\_ 22 kDa\_\_

#### **Western Blotting**

**Image 2.** WB Suggested Anti-ONECUT1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate

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