

Datasheet for ABIN2780598
anti-ONECUT1 antibody (N-Term)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	ONECUT1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Pig, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ONECUT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ONECUT1
Sequence:	NAQLTMEAIG ELHGVSHEPV PAPADLLGGS PHARSSVAHR GSHLPPAHPR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 86%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 100%, Rat: 93%
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:	<p>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.</p> <p>Alias Symbols: HNF-6, HNF6, HNF6A</p> <p>Protein Interaction Partner: NR0B2, KAT2B, FOXA2, CREBBP, NR3C1, FOXA1,</p> <p>Protein Size: 465</p>
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.

Publications

Product cited in: 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



Western Blotting

Image 1. WB Suggested Anti-ONECUT1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate