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anti-GCFC2 antibody (N-Term)

2 Images



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Overview	
Quantity:	100 μL
Target:	GCFC2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Cow, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCFC2 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 C2orf3

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human C2orf3
Sequence:	SEPDDHEKRI PFTLRPQTLR QRMAEESISR NEETSEESQE DEKQDTWEQQ
Predicted Reactivity:	Cow: 79%, Dog: 100%, Guinea Pig: 92%, Horse: 85%, Human: 100%, Mouse: 85%, Rabbit: 83%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against C2orf3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target: GCFC2

Target Details

Alternative Name:	C2orf3 (GCFC2 Products)	
Background:	The first mRNA transcript isolated for C2orf3 gene was part of an artificial chimera derived	
	from two distinct gene transcripts and a primer used in the cloning process (see Genbank	
	accession M29204). C2orf3 belongs to the GCF family. It is a factor that represses	
	transcription. It binds to the GC-rich sequences (5'-GCGGGGC-3') present in the epidermal	
	growth factor receptor, beta-actin, and calcium-dependent protease promoters. The first mRNA	
	transcript isolated for this gene was part of an artificial chimera derived from two distinct gene	
	transcripts and a primer used in the cloning process (see Genbank accession M29204). A	
	positively charged amino terminus present only in the chimera was determined to bind GC-rich	
	DNA, thus mistakenly thought to identify a transcription factor gene.	
	Alias Symbols: DNABF, GCF, TCF9, C2orf3	
	Protein Interaction Partner: HDAC11, CREB3L2, ATXN1, SUMO2,	
	Protein Size: 781	
Molecular Weight:	89 kDa	
Gene ID:	6936	
NCBI Accession:	NM_003203, NP_003194	
UniProt:	P16383	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 781 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	

Handling

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.

Images



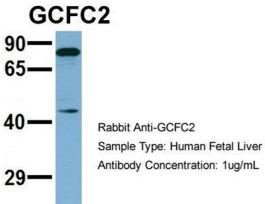
Western Blotting

Image 1. WB Suggested Anti-C2orf3 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:12500

Positive Control: Human Lung



Western Blotting

Image 2. Host: Rabbit

Target Name: GCFC2

Sample Tissue: Human Fetal Liver

Antibody Dilution: 1.0 µg/mL