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anti-CUX2 antibody (N-Term)





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Quantity:	100 μL
Target:	CUX2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CUX2 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 CUX2
Sequence:	SLGTEQSYPS PQQLPPPPGP EDPLSPSPGQ PLLGPSLGPD GTRTFSLSPF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against CUX2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CUX2
Alternative Name:	CUX2 (CUX2 Products)

Target Details

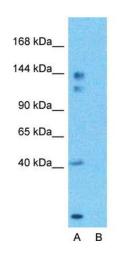
Background:	CUX2 may be a transcription factor involved in neural specification. It binds to DNA in a
	sequence-specific manner.
	Alias Symbols: CDP2, CUTL2
	Protein Interaction Partner: CSNK2A1,
	Protein Size: 1486
Molecular Weight:	162 kDa
Gene ID:	23316
NCBI Accession:	NM_015267, NP_056082
UniProt:	014529

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1486 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.



Anti-CUX2 Western Blot & Peptide Block Validation

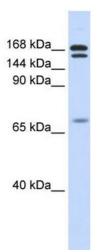
Lot Number: QC17491 Lysate: Fetal Muscle

Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide

Primary Antibody Concentration: 1.0µg/ml Peptide Concentration: 5.0µg/ml Lysate Quantity: 25µg/lane Gel Concentration: 12%



Image 1. Host: Rabbit Target Name: CUX2 Sample Type:
Fetal Muscle Lane A: Primary Antibody Lane B: Primary
Antibody + Blocking Peptide Primary Antibody
Concentration: 1ug/ml Peptide Concentration: 5ug/ml
Lysate Quantity: 25ug/lane/Lane Gel Concentration: 0.12



Western Blotting

Image 2. WB Suggested Anti-CUX2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Muscle