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anti-CCPG1 antibody (Middle Region)





Go to Product page

Overview	
Quantity:	100 μL
Target:	CCPG1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Rabbit, Cow, Pig, Guinea Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CCPG1
Cognopoo:	TNII ATENIOVI, DVSI EKEEKA I SSI OEEI NIK I DEOIDII ED KOTSTEI VIKE

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CCPG1
Sequence:	TNLATENQYL RVSLEKEEKA LSSLQEELNK LREQIRILED KGTSTELVKE
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 86%, Pig: 93%, Rabbit: 93%, Rat: 91%, Yeast: 91%
Characteristics:	This is a rabbit polyclonal antibody against CCPG1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

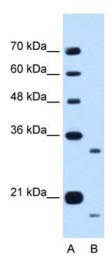
Target:	CCPG1
Alternative Name:	CCPG1 (CCPG1 Products)

Target Details

Target Details	
Background:	CCPG1 acts as an assembly platform for Rho protein signaling complexes. It limits guanine
	nucleotide exchange activity of MCF2L toward RHOA, which results in an inhibition of both its
	transcriptional activation ability and its transforming activity. It does not inhibit activity of
	MCF2L toward CDC42, or activity of MCF2 toward either RHOA or CDC42. It may be involved in
	cell cycle regulation.
	Alias Symbols: CPR8, KIAA1254
	Protein Interaction Partner: UBC, COPS5,
	Protein Size: 757
Molecular Weight:	87 kDa
Gene ID:	9236
NCBI Accession:	NM_001204450
UniProt:	Q9ULG6
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 319 AA
Restrictions:	For Research Use only

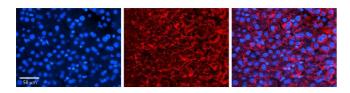
Handling

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.



Western Blotting

Image 1. WB Suggested Anti-CCPG1 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate



Immunohistochemistry

Image 2. Rabbit Anti-CCPG1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cytoplasm and plasma membrane in hepatocytes and endothelial cells in sinusoids Primary Antibody Concentration: N/A Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec