

Datasheet for ABIN2787240
anti-CALCOCO1 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CALCOCO1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CALCOCO1 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 CALCOCO1
Sequence:	ESTTDGSPH TSVQFQASYL PKPGAQLYQF RYVNRQGQVC GQSPPFQFRE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CALCOCO1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CALCOCO1
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Target Details

Alternative Name:	CALCOC01 (CALCOC01 Products)
Background:	<p>CALCOC01 functions as a coactivator for aryl hydrocarbon and nuclear receptors (NR).CALCOC01 is recruited to promoters through its contact with the N-terminal basic helix-loop-helix-Per-Arnt-Sim (PAS) domain of transcription factors or coactivators, such as NCOA2. During ER-activation CALCOC01 acts synergistically in combination with other NCOA2-binding proteins, such as EP300, CREBBP and CARM1. CALCOC01 is involved in the transcriptional activation of target genes in the Wnt/CTNNB1 pathway. CALCOC01 functions as a secondary coactivator in LEF1-mediated transcriptional activation via its interaction with CTNNB1. Coactivator function for nuclear receptors and LEF1/CTNNB1 involves differential utilization of two different activation regions.</p> <p>Alias Symbols: Cocoa, KIAA1536, PP13275, calphoglin</p> <p>Protein Interaction Partner: CWF19L2, CEP19, FAM161A, TBC1D15, DUSP13, ISOC1, GABARAPL2, NDC80, UBC, GRIK2, APP, APTX, EP300, CTNNB1, NEDD4, HIST1H4A, HIST1H3A, PCBD1, TBC1D17, CTNNBL1, CYTH3, SH3GL3, CRYBA2, CREBBP, MAPK1, KRT15, IPP, FOSL1, Protein Size: 691</p>
Molecular Weight:	77 kDa
Gene ID:	57658
NCBI Accession:	NM_020898 , NP_065949
UniProt:	Q9P1Z2
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Chromatin Binding

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 691 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.

Handling

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.

Images

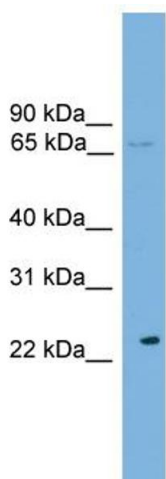


Western Blotting

Image 1. WB Suggested Anti-CALCOCO1 Antibody

Titration: 0.2-1 ug/ml

Positive Control: Jurkat cell lysate



Rabbit Anti-CALCOCO1 Antibody

Catalog Number: ARP57483

Lot Number: QC28431

Lane: Jurkat Cell Lysate

Antibody Titration: 1.0µg/ml

Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-CALCOCO1

Antibody Titration: 0.2-1 µg/mL

Positive Control: Jurkat cell lysate