

Product datasheet for **TA344754**

CoCoA (CALCOCO1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CALCOCO1 antibody: synthetic peptide directed towards the N terminal of human CALCOCO1. Synthetic peptide located within the following region: ESTTDGSPIHSTVQFQASYLPKPGAQLYQFRYVNRQGQVCGQSPPFQFRE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	77 kDa
Gene Name:	calcium binding and coiled-coil domain 1
Database Link:	NP_065949 Entrez Gene 57658 Human Q9P1Z2



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Background:

CALCOCO1 functions as a coactivator for aryl hydrocarbon and nuclear receptors (NR). CALCOCO1 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 CALCOCO1 acts synergistically in combination with other NCOA2-binding proteins, such as EP300, CREBBP and CARM1. CALCOCO1 is involved in the transcriptional activation of target genes in the Wnt/CTNNB1 pathway. CALCOCO1 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.

Synonyms:

calphoglin; Cocoa; PP13275

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%

Protein Families:

Transcription Factors

Product images:

WB Suggested Anti-CALCOCO1 Antibody
Titration: 0.2-1 ug/ml; Positive Control: Jurkat cell
lysate