

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:

ESTTDGSPIHTSVQFQASYLPKPGAQLYQFRYVNRQGQVCGQSPPFQFRE

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

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



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

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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.

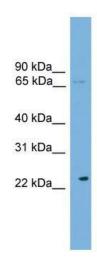
Synonyms: calphoglin; Cocoa; PP13275

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