

Datasheet for ABIN7146346

anti-CALCOCO1 antibody (AA 462-691)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CALCOCO1
Binding Specificity:	AA 462-691
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CALCOCO1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Calcium-binding and coiled-coil domain-containing protein 1 protein (462-691AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	CALCOCO1
Alternative Name:	CALCOCO1 (CALCOCO1 Products)
Background:	Background: Functions as a coactivator for aryl hydrocarbon and nuclear receptors (NR).

Target Details

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 acts synergistically in combination with other NCOA2-binding proteins, such as EP300, CREBBP and CARM1. Involved in the transcriptional activation of target genes in the Wnt/CTNNB1 pathway. 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 (By similarity). In association with CCAR1 enhances GATA1- and MED1-mediated transcriptional activation from the gamma-globin promoter during erythroid differentiation of K562 erythroleukemia cells (PubMed:24245781).

Aliases: CALCOCO1 antibody, KIAA1536 antibody, PP13275 antibody, UNQ2436/PRO4996Calcium-binding and coiled-coil domain-containing protein 1 antibody, Calphoglin antibody, Coiled-coil coactivator protein antibody, Sarcoma antigen NY-SAR-3 antibody

UniProt: [Q9P1Z2](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Chromatin Binding](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

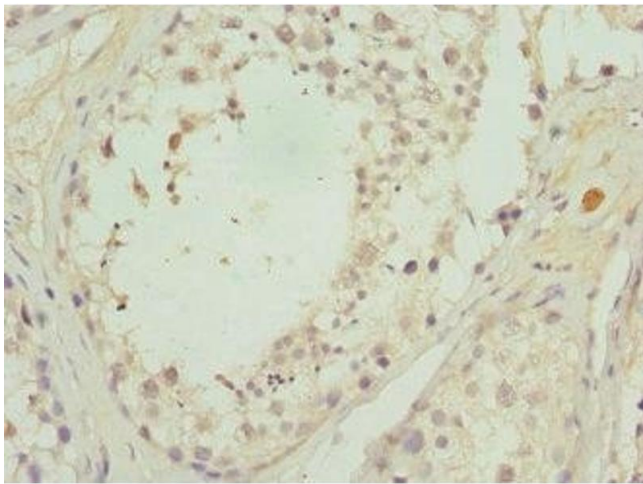
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

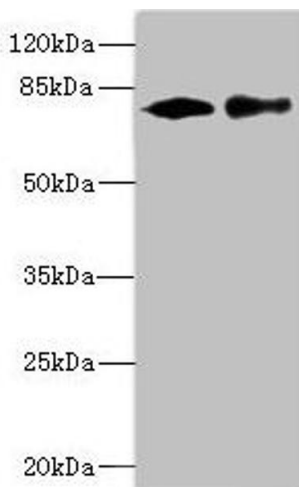
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



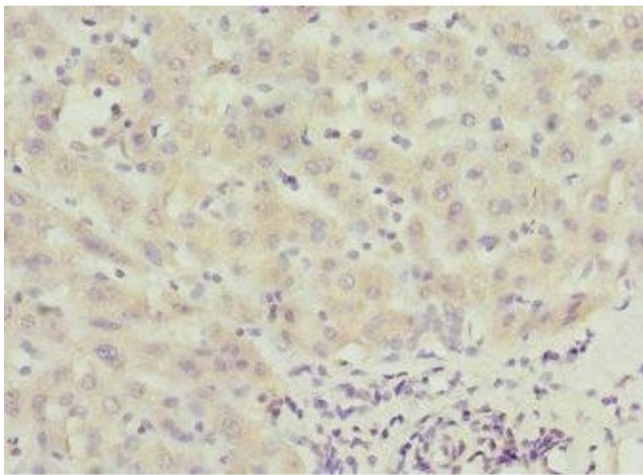
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7146346 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: CALCOCO1 antibody at 1.61 µg/mL Lane 1: 293T whole cell lysate Lane 2: MCF-7 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 78, 71, 68 kDa Observed band size: 78 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7146346 at dilution of 1:100