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Datasheet for ABIN7464552  
**anti-CALCOCO2 antibody**

### Overview

Quantity:	100 µL
Target:	CALCOCO2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CALCOCO2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human NDP52. The exact sequence is proprietary.
Clone:	GT1813
Isotype:	IgG2a
Cross-Reactivity:	Human
Purification:	Affinity purified by Protein G.
Grade:	KO Validated

### Target Details

Target:	CALCOCO2
Alternative Name:	calcium binding and coiled-coil domain 2 ( <a href="#">CALCOCO2 Products</a> )

## Target Details

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**Background:** Calcium binding and coiled-coil domain 2 , NDP52,The protein encoded by this gene is a subunit of nuclear domain 10 (ND10) bodies. ND10 bodies are nuclear domains appearing immunohistochemically as ten dots per nucleus. They are believed to be associated with the nuclear matrix on the basis of their resistance to nuclease digestion and salt extraction. ND10 proteins are removed from the nucleus by herpes simplex virus-1 infection and may have a role in viral life cycles. [provided by RefSeq]

**Molecular Weight:** 52 kDa

**Gene ID:** 10241

**UniProt:** [Q13137](#)

## Application Details

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**Application Notes:** WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

**Comment:** Positive Control: Hep3B , Jurkat , Raji , NCI-H929 , Huh-7 (3  $\mu$ M Thapsigargin treatment for 12 hr) , Huh-7 (3  $\mu$ M Thapsigargin treatment for 24 hr) , HepG2 (3  $\mu$ M Thapsigargin treatment for 12 hr) , HepG2 (3  $\mu$ M Thapsigargin treatment for 24 hr) , HepG2  
Validation: KO/KD, Orthogonal

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** PBS, No Preservative

**Preservative:** Without preservative

**Storage:** 4 °C,-20 °C

**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.