

CALCOCO1 Rabbit pAb

CatalogNo: YN6837

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 76kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from human CALCOCO1

Specificity This antibody detects endogenous levels of CALCOCO1 at Human, Mouse, Rat

| Target Information

Gene name CALCOCO1 KIAA1536 PP13275 UNQ2436/PRO4996

Protein Name	Calcium-binding and coiled-coil domain-containing protein 1 (Calphoglin) (Coiled-coil coactivator protein) (Sarcoma antigen NY-SAR-3)		
	Organism	Gene ID	UniProt ID
	Human	57658;	Q9P1Z2;
	Mouse	67488;	Q8CGU1;
	Rat	100912282;	Q66HR5;
Cellular Localization	Cytoplasm. Nucleus. Shuttles between nucleus and cytoplasm. .		
Function	<p>Functions as a coactivator for aryl hydrocarbon and nuclear receptors (NR). 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 . ; Seems to enhance inorganic pyrophosphatase thus activating phosphoglucomutase (PMG). Probably functions as component of the calphoglin complex, which is involved in linking cellular metabolism (phosphate and glucose metabolism) with other core functions including protein synthesis and degradation, calcium signaling and cell growth.</p>		

| Validation Data

| Contact information

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