

# CALCOCO1 Recombinant antibody

**Cat:**B36434S**Company:** HaoKebio**Uniprot ID:**Q9P1Z2**Applications:** IHC:1:400-1:1600**Organism:**Rabbit

IHC-Polymer:1:1600-1:6400

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:2000-1:8000

**Molecular Weight Calculation:** 691 aa, 77 kDa

IF:1:50-1:100

**Observed Molecular Weight:** 100 kDa

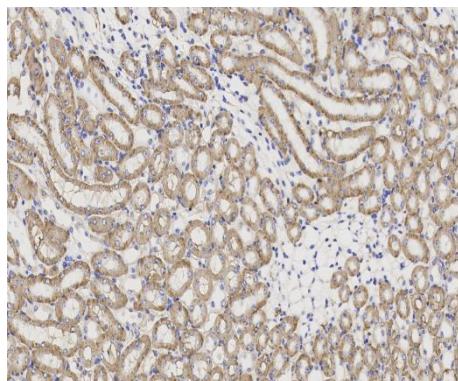
WB:1:5000-1:50000

**Background:**

CALCOCO1, whose full name is Calcium-bindin g and Coiled-Coil Domain-containing Protein 1, belongs to the autophagy-related protein family a nd is localized in the cytoplasm and perinuclear r egion. It regulates autophagosome formation, traf ficking, and fusion with lysosomes, thereby parti cipating in intracellular substance degradation, st ress response, and homeostasis maintenance, and plays an important role in pathological and phys iological processes such as tumorigenesis and inf lammation regulation.

**Experimental procedure:**

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 min utes. Incubate antibody, 4°C overnight. Secondary antibody: P oly-HRP Goat Anti-Rabbit & Mouse Universal Secondary An tibody, RT, 1h.

**Images:**

Sample: Mouse kidney, 4% PFA 12-24h

**Source of Reagents:**

发表[中文论文]请标注:CALCOCO1(B36434S)由杭州浩克 生物技术有限公司提供;

发表[英文论文]请标注:CALCOCO1(B36434S) were kindl y provided by Hangzhou Haoke Biotechnology Co., Ltd.

**Synonyms:**

PP13275, Coiled-coil coactivator protein, Cocoa, Calphoglin, Calcium-binding and coiled-coil do main-containing protein 1

**Immunogen:**

Recombinant protein

**Isotype:**

IgG

**Subcellular location:**

Cytoplasm

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**

PBS with 0.02% sodium azide,100 µg/ml BSA an d 50% glycerol.

**Storage:**

Store at -20 °C for one year.