

Anti-CALCOCO1 antibody

Cat. No.	ml225479
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-CALCOCO1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human CALCOCO1
Reactivity	Human, Mouse, Rat
Content	0.84 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	CALCOCO1
Full name	calcium binding and coiled-coil domain 1

Synonyms Cocoa; PP13275; calphoglin

Swissprot Q9P1Z2

Target Background

CALCOCO1 (calcium-binding and coiled-coil domain-containing protein 1), also known as cocoa, calphoglin, sarcoma antigen NY-SAR-3 or coiled-coil coactivator protein, is a 691 amino acid protein that shuttles between the cytoplasm and nucleus and functions as coactivator for aryl hydrocarbon and nuclear receptors. A member of the CALCOCO family, CALCOCO1 forms a calphoglin complex with PPA1 and PGM 1 and contains multiple functional domains through which it acts as a component of both the androgen signaling pathway and the Wnt/ β -catenin signaling pathway. CALCOCO1 exists as three alternatively spliced isoforms (termed Q9P1Z2-1, 2 and 3), which are encoded by genes mapping to human chromosome 12q13.13 and mouse chromosome 15 F3.

Applications

Immunohistochemistry

Predicted cell location: Cytoplasm or Nucleus

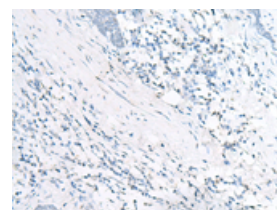
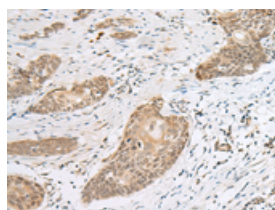
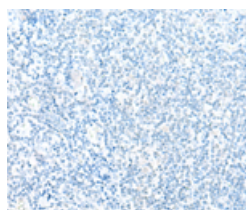
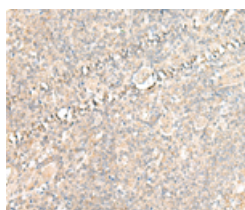
Predicted cell location: Cytoplasm or Nucleus

Positive control: Human tonsil

Positive control: Human esophagus cancer

Recommended dilution: 40-200

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The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml225479(CALCOCO1 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: ×200)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml225479(CALCOCO1 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size: 77 kDa

Positive control: 231, Jurkat, Hela, 293T cell and Mouse heart tissue lysates

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

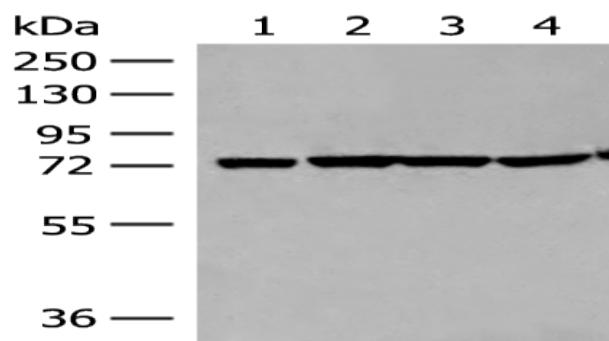
Lysate: 40 µg

Lane 1-5: 231, Jurkat, Hela, 293T cell and Mouse heart tissue lysates

Primary antibody: ml225479(CALCOCO1 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



ELISA

Recommended dilution: 5000-10000

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