

CALCOCO2 Polyclonal Antibody

Catalog number: 12229-1-AP

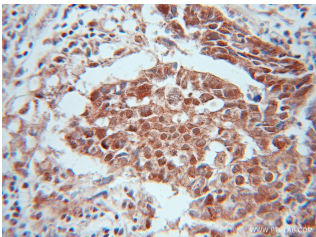
Size: 20 µg/150 µl

Source: Rabbit

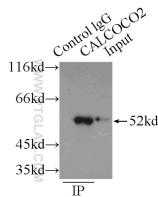
Isotype: IgG

Synonyms:

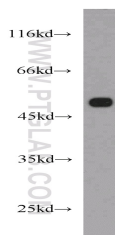
CALCOCO2; CALCOCO2,
NDP52, Nuclear domain 10
protein 52, Nuclear dot protein
52



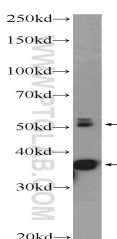
Immunohistochemical of paraffin-embedded human ovary tumor using 12229-1-AP(CALCOCO2 antibody) at dilution of 1:100 (under 10x lens)



IP Result of anti-CALCOCO2 (IP:12229-1-AP, 3µg; Detection:12229-1-AP 1:1000) with HeLa cells lysate 2150µg.



HeLa cells were subjected to SDS PAGE followed by western blot with 12229-1-AP(CALCOCO2 antibody) at dilution of 1:1000



rat skeletal muscle tissue were

Background

CALCOCO2, also named as NDP52, is an autophagy receptor with MW 52 kDa. It plays a role in ruffle formation and actin cytoskeleton organization. Mouse/Rat CALCOCO2 has some isoforms with MW 28-35 kDa.

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	IF
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated CALCOCO2 MW:	446aa, 52 kDa
Observed CALCOCO2 MW:	52 kDa
Positive WB detected in	HeLa cells, human placenta tissue, Jurkat cells, mouse skeletal muscle tissue, rat skeletal muscle tissue
Positive IP detected in	HeLa cells
Positive IHC detected in	Human ovary tumor tissue, human skeletal muscle tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2866
GenBank accession number:	BC015893
Gene ID (NCBI):	10241
Full name:	Calcium binding and coiled-coil domain 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

subjected to SDS PAGE
followed by western blot with
12229-1-AP(CALCOCO2
Antibody) at dilution of
1:1000