USA: proteintech@ptglab.com

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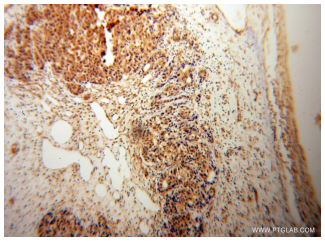
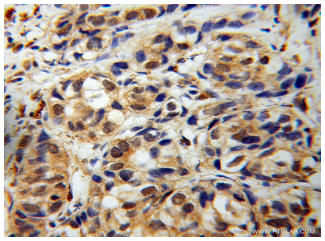
COMMD1 Polyclonal Antibody

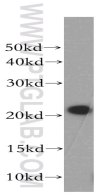
Catalog number: 11938-1-AP
Size: 40 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
COMMD1; C2orf5, COMMD1, MURR1, Protein Murr1



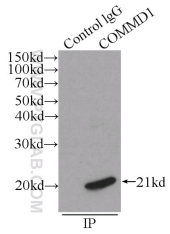
Immunohistochemical of paraffin-embedded human liver cancer using 11938-1-AP(COMMD1 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human liver cancer using 11938-1-AP(COMMD1 antibody) at dilution of 1:50 (under 40x lens)



human liver tissue were subjected to SDS PAGE followed by western blot with 11938-1-AP(COMMD1 antibody) at dilution of 1:1000



IP Result of anti-COMMD1 (IP:11938-1-AP, 3ug; Detection:11938-1-AP 1:500)

Background

COMMD1(COMM domain-containing protein 1), also named MURR1, is implicated in copper homeostasis by binding one copper ion per monomer. COMMD1 was reported to accelerate the ubiquitination and degradation of NF-kappa-B subunits, its deficiency exerts enhanced NF-kappa-B mediated celluar response. Ubiquitinated by XIAP (X-linked inhibitor of apoptosis), COMMD1 undergoes proteasomal degradation. SOD1 activity can be downregulated by COMMD1.

Applications

Tested applications:	**ELISA, WB, IHC, IP**
Cited applications:	**IF, IHC, WB**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Cited species:	**Human, mouse**
Caculated COMMD1 MW:	**190aa,21 kDa**
Observed COMMD1 MW:	**21kd**
Positive WB detected in	**Human liver tissue, HeLa cells, HepG2 cells, human brain tissue, human heart tissue, mouse brain tissue, rat brain tissue**
Positive IP detected in	**Mouse brain tissue**
Positive IHC detected in	**Human liver cancer tissue, human prostate cancer tissue**
Recommended dilution:	**WB: 1:1000-1:10000** **IP: 1:200-1:2000** **IHC: 1:20-1:200**

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

Immunogen information

Immunogen:	**Ag2535**
GenBank accession number:	**BC022046**
Gene ID (NCBI):	**150684**
Full name:	**Copper metabolism (Murr1) domain containing 1**

Product information

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

with mouse brain tissue lysate
5200ug.