

COMMD4 Rabbit pAb

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Catalog # AP58840

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9H0A8
Reactivity	Rat, Human
Predicted	Pig, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21764
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from Human COMMD4
Epitope Specificity	1-100/199
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	COMMD is a new family of proteins with homology to MURR1, a multifunctional protein that inhibits NFkB. These proteins form multimeric complexes and were identified in a biochemical screen for MURR1-associated factors. The family is defined by the presence of a conserved and unique motif termed the COMM (copper metabolism gene MURR1) domain, which functions as an interface for protein-protein interactions. Down-regulates activation of NF-kappa-B.

Additional Information

Gene ID	54939
Other Names	COMM domain-containing protein 4, COMMD4
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

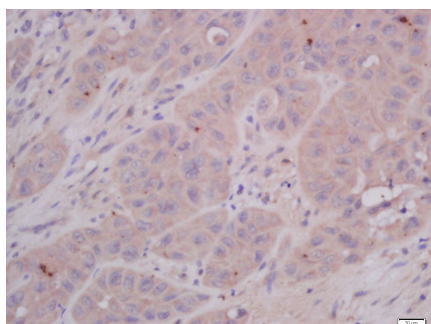
Name	COMMD4
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Function	Scaffold protein in the commander complex that is essential for endosomal recycling of transmembrane cargos; the commander complex is composed of the CCC subcomplex and the retriever subcomplex (PubMed: 37172566 , PubMed: 38459129). May modulate activity of cullin- RING E3 ubiquitin ligase (CRL) complexes (PubMed: 21778237). Down- regulates activation of NF-kappa-B (PubMed: 23637203).
Cellular Location	Cytoplasm. Nucleus
Tissue Location	Ubiquitous..

Background

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Images



Tissue/cell: humun laryngocarcinoma; 4%
 Paraformaldehyde-fixed and paraffin-embedded;
 Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling
 bathing for 15min; Block endogenous peroxidase by 3%
 Hydrogen peroxide for 30min; Blocking buffer (normal
 goat serum,C-0005) at 37°C for 20 min;
 Incubation: Anti-COMMD4 Polyclonal Antibody,
 Unconjugated(AP58840) 1:200, overnight at 4°C, followed
 by conjugation to the secondary antibody(SP-0023) and
 DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.