

Anti-CCP3 Antibody

Catalog # AP54100

Product Information

Application	WB, IHC
Primary Accession	Q8NEM8
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	116011

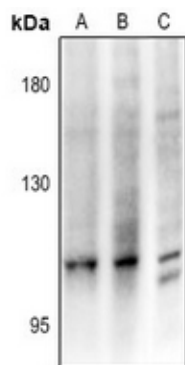
Additional Information

Gene ID	340351
Other Names	CCP3; Cytosolic carboxypeptidase 3; ATP/GTP-binding protein-like 3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CCP3. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

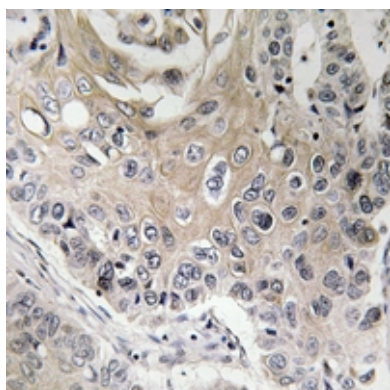
Protein Information

Name	AGBL3 (HGNC:27981)
Function	Metalloprotease that mediates deglutamylation of tubulin and non-tubulin target proteins. Catalyzes the removal of polyglutamate side chains present on the gamma-carboxyl group of glutamate residues within the C-terminal tail of tubulin protein. Specifically cleaves tubulin long-side-chains, while it is not able to remove the branching point glutamate. Also catalyzes the removal of polyglutamate residues from the carboxy-terminus of non-tubulin proteins such as MYLK. May catalyze the hydrolysis of aspartate from the carboxy-terminus of target proteins. Does not show dephosphatase or deglycase activities from the carboxy-terminus of target proteins.
Cellular Location	Cytoplasm, cytosol {ECO:0000250 UniProtKB:Q8CDP0}

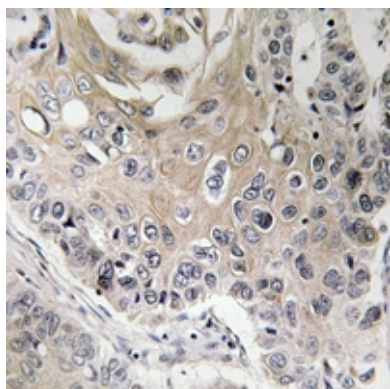
Images



Western blot analysis of CCP3 expression in PC3 (A), A2780 (B), CT26 (C) whole cell lysates. (Predicted band size: 116 kD; Observed band size: 116 kD)



Immunohistochemical analysis of CCP3 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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