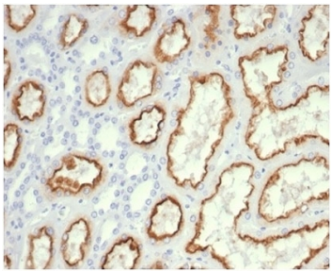
Recombinant Cdc20 Antibody [clone CDC20/7026R] (V9446)

Catalog No.	Formulation	Size
V9446-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9446-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9446SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

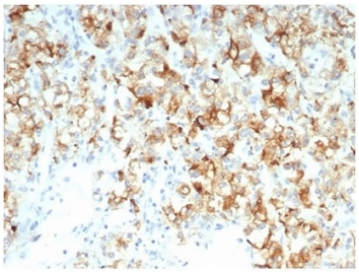
Recombinant RABBIT MONOCLONAL

Bulk quote request

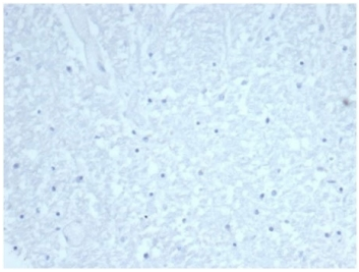
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	CDC20/7026R
Purity	Protein A/G affinity
UniProt	Q12834
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This recombinant Cdc20 antibody is available for research use only.



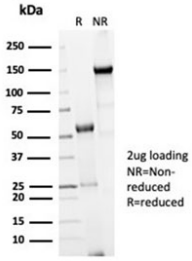
IHC staining of FFPE human kidney tissue with recombinant Cdc20 antibody CDC20/7026R) at 2ug/ml. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human kidney carcinoma tissue with recombinant Cdc20 antibody (clone CDC20/7026R) at 2ug/ml. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Negative control: IHC staining of FFPE human brain tissue with recombinant Cdc20 antibody (clone CDC20/7026R) at 2ug/ml in PBS for 30min RT. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant Cdc20 antibody (clone CDC20/7026R) as confirmation of integrity and purity.

Description

Required for full ubiquitin ligase activity of the anaphase promoting complex/cyclosome (APC/C) and may confer substrate specificity upon the complex. Is regulated by MAD2L1: in metaphase the MAD2L1-CDC20-APC/C ternary complex is inactive and in anaphase the CDC20-APC/C binary complex is active in degrading substrates. The CDC20-APC/C complex positively regulates the formation of synaptic vesicle clustering at active zone to the presynaptic membrane in postmitotic neurons. CDC20-APC/C-induced degradation of NEUROD2 induces presynaptic differentiation. [UniProt]

Application Notes

Optimal dilution of the recombinant Cdc20 antibody should be determined by the researcher.

Immunogen

Recombinant human Cdc20 protein was used as the immunogen for the recombinant Cdc20 antibody.

Storage

Aliquot the recombinant Cdc20 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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