

Rabbit CCT3 Polyclonal Antibody | anti-CCT3 antibody

CCT3 Antibody

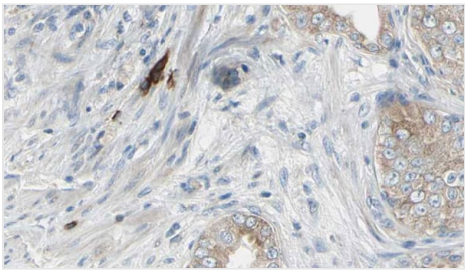
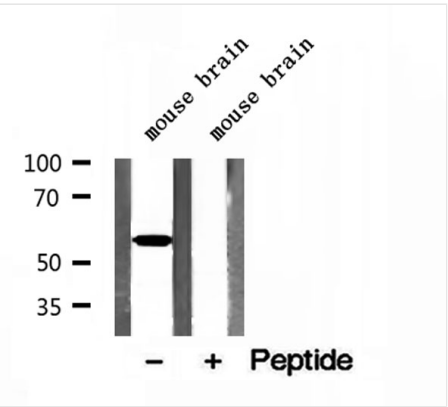
CATALOG # AAA322939	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CCT3; Polyclonal Antibody; CCT3 Antibody; CCT 3; CCT gamma; CCT-gamma; CCTG; Chaperonin containing TCP1 subunit 3 (gamma); Chaperonin containing TCP1 subunit 3; hTRiC5; PIG48; T complex protein 1 gamma subunit; T complex protein 1 subunit gamma; T-complex protein 1 subunit gamma; TCP 1 gamma; TCP-1-gamma; TCP1 (t complex 1) ring complex polypeptide 5; TCPG_HUMAN; TRIC5; anti-CCT3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CCT3 antibody detects endogenous levels of CCT3.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	507
Applicable Applications for anti-CCT3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CCT3.
Subcellular Location	Cytoplasm.
Predicted Cross Reactivity	Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



IHC (Immunohistochemistry)
AAA322939 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of extracts of mouse brain tissue, using CCT3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CCT3 antibody	Function: Molecular chaperone; assists the folding of proteins upon ATP hydrolysis. As part of the BBS/CCT complex may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia. Known to play a role, in vitro, in the folding of actin and tubulin. Subunit Structure: Heterooligomeric complex of about 850 to 900 kDa that forms two stacked rings, 12 to 16 nm in diameter. Interacts with PACRG. Component of the BBS/CCT complex composed at least of MKKS, BBS10, BBS12, TCP1, CCT2, CCT3, CCT4, CCT5 AND CCT8. Interacts with DNAAF4 (By similarity). Similarity: Belongs to the TCP-1 chaperonin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	58761484
NCBI GeneID	7203
NCBI Accession #	NP_001008800.1
NCBI GenBank Nucleotide #	NM_001008800.2
UniProt Accession #	P49368; Q5SZY1; Q9BR64; A6NE14
Molecular Weight	Observed: 60 kDa Predicted: 61 kDa
NCBI Official Full Name	T-complex protein 1 subunit gamma isoform c
NCBI Official Synonym Full Names	chaperonin containing TCP1 subunit 3
NCBI Official Symbol	CCT3
NCBI Official Synonym Symbols	CCTG; PIG48; TRIC5; CCT-gamma; TCP-1-gamma
NCBI Protein Information	T-complex protein 1 subunit gamma
UniProt Protein Name	T-complex protein 1 subunit gamma
UniProt Gene Name	CCT3
UniProt Synonym Gene Names	CCTG; TRIC5; TCP-1-gamma

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.