

CAB6849

Product Information

Product SKU:	CAB6849	Gene ID:	790	Size:	20uL, 100uL
Clone No:	ARC1426	Host Species:	Rabbit	Reactivity:	Human,Mouse

Additional Information

Observed MW:	250kDa	Conjugate:	Unconjugated
Calculated MW:	243kDa	Isotype:	IgG

Immunogen Information

Background: The de novo synthesis of pyrimidine nucleotides is required for mammalian cells to proliferate. This gene encodes a trifunctional protein which is associated with the enzymatic activities of the first 3 enzymes in the 6-step pathway of pyrimidine biosynthesis: carbamoylphosphate synthetase (CPS II), aspartate transcarbamoylase, and dihydroorotase. This protein is regulated by the mitogen-activated protein kinase (MAPK) cascade, which indicates a direct link between activation of the MAPK cascade and de novo biosynthesis of pyrimidine nucleotides. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilution: WB,1:500 - 1:1000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200

Synonyms: CDG1Z; DEE50; GATD4; EIEE50; CAD

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CAD (P27708).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.