

CAB3716

Product Information

Product SKU:	CAB3716	Gene ID:	50	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	85kDa	Conjugate:	Unconjugated
Calculated MW:	85kDa	Isotype:	IgG

Immunogen Information

Background: The protein encoded by this gene belongs to the aconitase/IPM isomerase family. It is an enzyme that catalyzes the interconversion of citrate to isocitrate via cis-aconitate in the second step of the TCA cycle. This protein is encoded in the nucleus and functions in the mitochondrion. It was found to be one of the mitochondrial matrix proteins that are preferentially degraded by the serine protease 15(PRSS15), also known as Lon protease, after oxidative modification.

Recommended Dilution:	WB,1:1000 - 1:5000 IHC-P,1:50 - 1:200
Synonyms:	ICRD; OCA8; OPA9; ACONM; HEL-S-284; Aconitase 2 (ACO2)
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 501-780 of human Aconitase 2 (Aconitase 2 (ACO2)) (NP_001089.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.