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Anti-Clathrin (Heavy chain) Rabbit mAb [21F39]

Catalog No.: A52081

Basic Information

Catalog No. (Cat.No.)	A52081
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	Clathrin (Heavy chain),Clathrin HC,Clathrin heavy chain,p190,CLTH1

Product Information

Target	Clathrin (Heavy chain)
Molecular Weight(Calculated)	192 kDa
Molecular Weight(Observed)	180 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	21F39
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:500-1:2000
IHC	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Clathrin heavy chain 1
Gene Name	*CLTC*
Domain	NA
Background	Clathrin Heavy Chain belongs to clathrin scaffold-protein family and mediates clathrin-dependent endocytosis and vesicular trafficking. Clathrin heavy and light chains assemble into triskelion complexes, which form clathrin coats beneath plasma membrane to drive endocytosis of membrane receptors and ligands, and also support vesicle transport from Golgi apparatus to endosomes. This pathway controls receptor recycling, ligand internalization and transmembrane substance trafficking to shape cell signaling and nutrient uptake.