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Anti-VDAC1 Rabbit mAb [63C42]

Catalog No.: A52360

Basic Information

Catalog No. (Cat.No.)	A52360
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	VDAC1,Voltage-dependent anion-selective channel protein 1,VDAC1,mitochondrial porin

Product Information

Target	VDAC1
Molecular Weight(Calculated)	31 kDa
Molecular Weight(Observed)	33 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	63C42
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	1:1000-1:5000
IHC	1:200-1:1000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Voltage-dependent anion channel-1
Gene Name	*VDAC1*
Domain	NA
Background	VDAC1 (voltage-dependent anion-selective channel 1) is major pore-forming protein of mitochondrial outer-membrane. It mediates exchange of ions, ATP/ADP and metabolites between cytosol and mitochondria, and participates in mitochondrial-dependent apoptosis. Upon apoptotic stimuli, VDAC1 facilitates outer-membrane permeabilization and cytochrome-c release. VDAC1 is well-accepted outer-mitochondrial-membrane marker.