

SURF1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51543

Product Information

Application	WB, ICC, IHC-P
Primary Accession	Q15526
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33331

Additional Information

Gene ID	6834
Other Names	Surfeit locus protein 1, SURF1, SURF-1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SURF1. The exact sequence is proprietary.
Dilution	WB~~1:1000 ICC~~N/A IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	SURF1
Synonyms	SURF-1
Function	Component of the MITRAC (mitochondrial translation regulation assembly intermediate of cytochrome c oxidase complex) complex, that regulates cytochrome c oxidase assembly.
Cellular Location	Mitochondrion inner membrane {ECO:0000250 UniProtKB:P09925}; Multi-pass membrane protein

Background

Probably involved in the biogenesis of the COX complex.

References

- Lennard A.,et al.DNA Cell Biol. 13:1117-1126(1994).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Humphray S.J.,et al.Nature 429:369-374(2004).
Zhu Z.,et al.Nat. Genet. 20:337-343(1998).
Pequignot M.O.,et al.Hum. Mutat. 17:374-381(2001).

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