

SURF-1 Polyclonal Antibody

 is a severe neurological disorder characterized by bilaterally symmetrical nector lesions in subcortical brain regions that is commonly associated with systemic cytochrome c oxidase (COX) deficiencyfunction:Probably involved in the biogenesis of the COX complexsimilarity:Belongs to the SURF1 family., Background This gene encodes a protein localized to the inner mitochondrial membrane an thought to be involved in the biogenesis of the CURF1 family, which includes the related yeast protein SHY1 and rickettsial protein RP733. The gene is located in the surfeit gene cluster, a group of very tightly linked genes that do not share sequence similarity, where it shares a bidirectional promoter with SURF2 on the opposite 		
Reactivity Human;Mouse;Rat Applications WB;IHC;IF;ELISA Gene Name SURF1 Protein Name Surfeit locus protein 1 Immunogen The antiserum was produced against synthesized peptide derived from human SURF1. AA range:171-220 Specificity SURF1- Polyclonal Antibody detects endogenous levels of SURF-1 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit.IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution Western Biot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Purity ≥90% Storage Stability -20°C/1 year Synonyms SURF1; SURF-1; Surfeit locus protein 1 Observed Band 30kD Cell Pathway Mitochondrion inner membrane ; Multi-pass membrane protein . Tissue Specificity Colon, Kidney, Skin, Stomach, Function disease: Defects in SURF1 are a cause of Leigh syndrome (LS) [MIM:256000]. I is a severe neurological disorder characterized by bilaterally symmetrical nectoi lesions in subcortical brain regions that is	Catalog No	YP-Ab-02062
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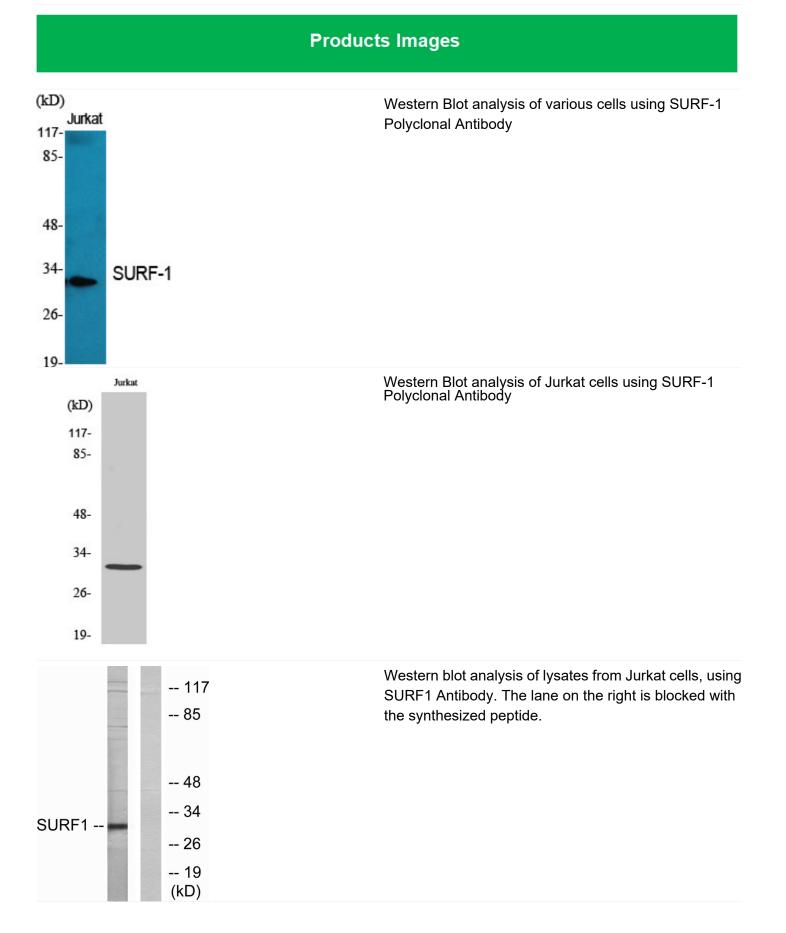
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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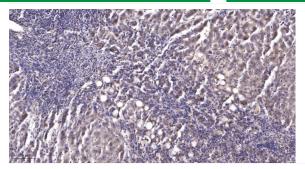




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Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).