

## SURF-1 Rabbit pAb

CatalogNo: YT4471

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 30kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:100-1:300**

**IF 1:200-1:1000**

**ELISA 1:20000**

**Not yet tested in other applications.**

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human SURF1. AA range:171-220

**Specificity** SURF-1 Polyclonal Antibody detects endogenous levels of SURF-1 protein.

## Target Information

**Gene name** SURF1

**Protein Name** Surfeit locus protein 1

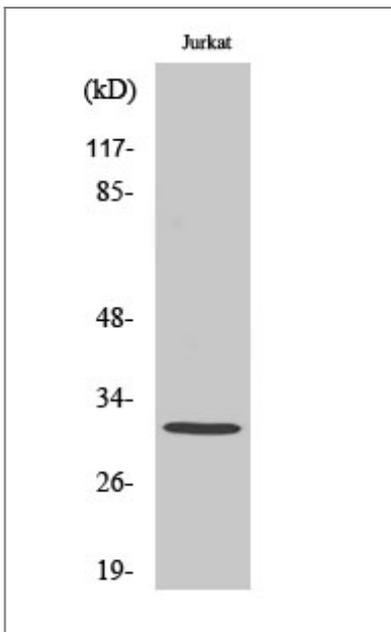
Organism	Gene ID	UniProt ID
Human	<a href="#">6834;</a>	<a href="#">Q15526;</a>
Mouse	<a href="#">20930;</a>	<a href="#">P09925;</a>
Rat	<a href="#">64463;</a>	<a href="#">Q9QXU2;</a>

**Cellular Localization** Mitochondrion inner membrane ; Multi-pass membrane protein .

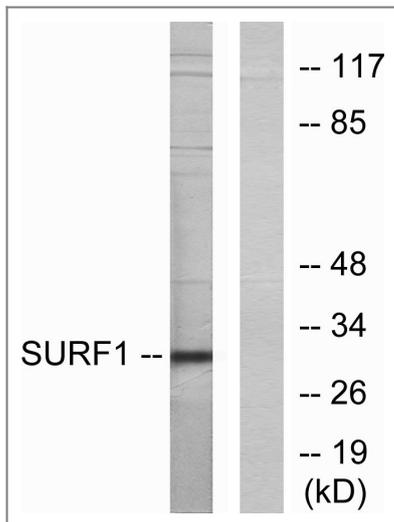
**Tissue specificity** Colon,Kidney,Skin,Stomach,

**Function** Disease:Defects in SURF1 are a cause of Leigh syndrome (LS) [MIM:256000]. LS is a severe neurological disorder characterized by bilaterally symmetrical necrotic lesions in subcortical brain regions that is commonly associated with systemic cytochrome c oxidase (COX) deficiency.,Function:Probably involved in the biogenesis of the COX complex.,similarity:Belongs to the SURF1 family.,

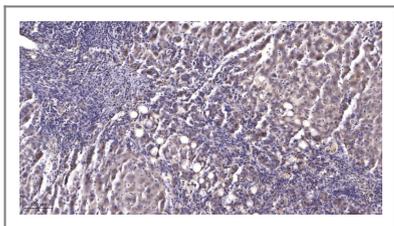
## Validation Data



Western Blot analysis of Jurkat cells using SURF-1 Polyclonal Antibody



Western blot analysis of lysates from Jurkat cells, using SURF1 Antibody. The lane on the right is blocked with the synthesized peptide.



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).

## Contact information

Orders: [order.cn@immunoway.com](mailto:order.cn@immunoway.com)  
Support: [support.cn@immunoway.com](mailto:support.cn@immunoway.com)  
Telephone: 400-8787-807(China)  
Website: <http://www.immunoway.com.cn>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**SURF-1 Rabbit pAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)