

**C5orf51 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP59265****Specification**

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**C5orf51 Polyclonal Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">A6NDU8</a>
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33620

**C5orf51 Polyclonal Antibody - Additional Information****Gene ID** 285636**Other Names**

UPF0600 protein C5orf51, C5orf51

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**C5orf51 Polyclonal Antibody - Protein Information****Name** RIMOC1 ([HGNC:27750](#))**Synonyms** C5orf51**Function**

Plays an important role in the removal of damaged mitochondria via mitophagy by controlling the stability and localization of RAB7A. Required for the recruitment of RAB7A and ATG9A vesicles to damaged mitochondria and promotes the stability of RAB7A by inhibiting its proteasomal degradation during mitophagy.

**Cellular Location**

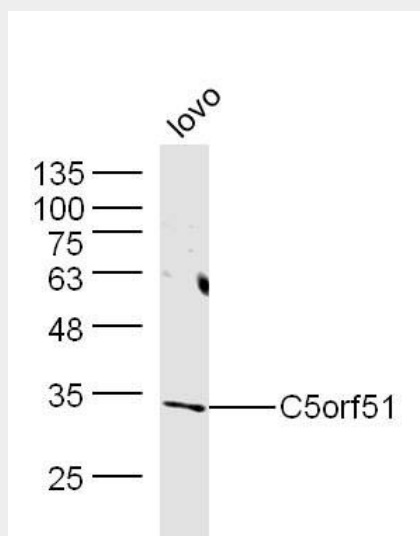
Cytoplasm, cytosol.

**C5orf51 Polyclonal Antibody - Protocols**

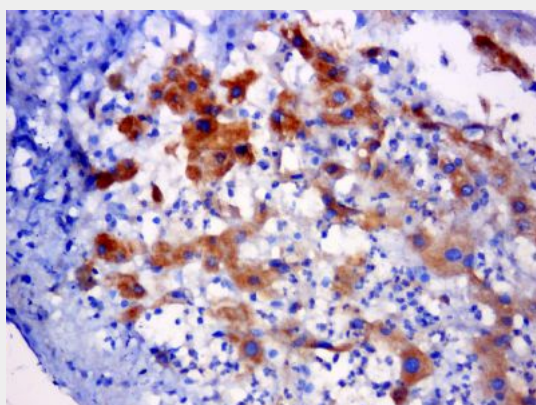
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### C5orf51 Polyclonal Antibody - Images



Sample: Lovo Cell (Human) Lysate at 40 ug  
Primary: Anti-C5orf51 (bs-9484R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 34 kD  
Observed band size: 34 kD



Paraformaldehyde-fixed, paraffin embedded (rat liver cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (C5orf51) Polyclonal Antibody, Unconjugated (bs-9484R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.