

Anti-DRP1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

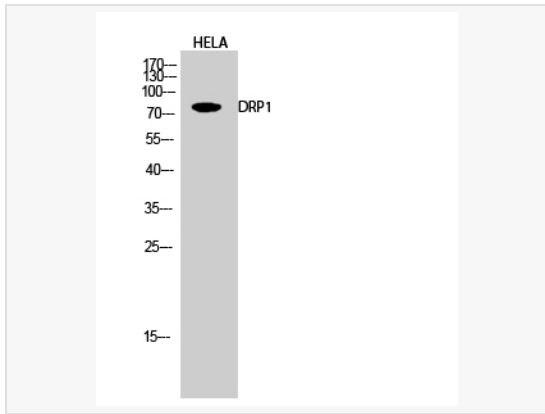
Catalog # P011999

Product Information

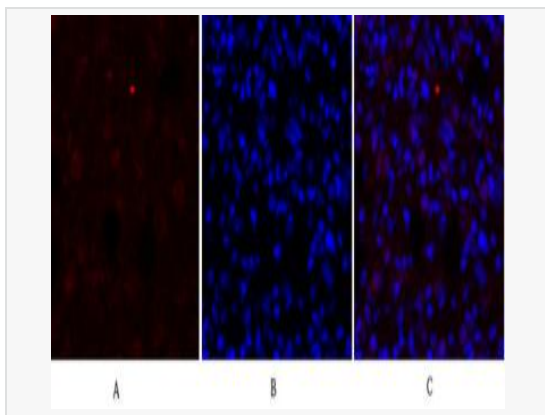
Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1000 IHC 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	KLH coupled human protein peptide
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-DRP1 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

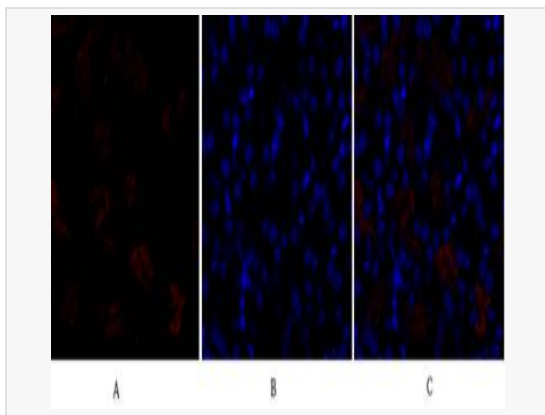
Synonyms	DNM1L, DLP1, DRP1, Dynamin-1-like protein, Dnm1p/Vps1p-like protein, DVLP, Dynamin family member proline-rich carboxyl-terminal domain less, Dymple, Dynamin-like protein, Dynamin-like protein 4, Dynamin-like protein IV, HdynIV, Dynamin-rela.
Calculated MW	Calculated MW: 82 kDa; Observed MW: 82 kDa
Uniprot ID	O00429
Gene ID	10059
Background	The protein encoded by this gene is a member of the dynamin superfamily of GTPases. Members of the dynamin-related subfamily, including the <i>S. cerevisiae</i> proteins Dnm1 and Vps1, contain the N-terminal tripartite GTPase domain but do not have the pleckstrin homology or proline-rich domains. This protein establishes mitochondrial morphology through a role in distributing mitochondrial tubules throughout the cytoplasm. The gene has 3 alternatively spliced transcripts encoding different isoforms. These transcripts are alternatively polyadenylated.



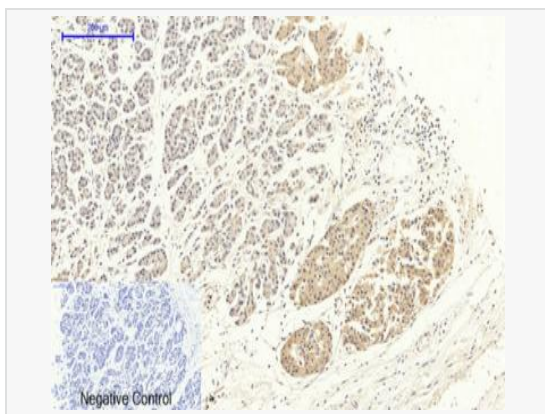
Western blot analysis of DRP1 in HeLa lysates using DRP1 antibody.



Immunofluorescence analysis of DRP1 in rat lung using DRP1 antibody (red), and DAPI (blue).



Immunofluorescence analysis of DRP1 in mouse kidney using DRP1 antibody (red), and DAPI (blue)



Immunohistochemistry analysis of paraffin-embedded Human stomach cancer using DRP1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.