



Rabbit Anti-C9orf86 antibody

SL9545R

Product Name:	C9orf86
Chinese Name:	9号染色体开放阅读框86抗体
Alias:	Chromosome 9 open reading frame 86; FLJ10101; Hypothetical protein LOC55684; KIAA1984; Parf; Partner of ARF; pp8875; Putative GTP binding protein Parf; Rab like GTP binding protein 1; Rab like GTP binding protein 1C; Rab like protein 1; RBEL1; RP11-216L13.9.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	80kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human C9orf86:631-729/729
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	C9orf86 (Partner of ARF;PARF) binds p19(ARF), but not the p16(INK4A) isoform of CDKN2A. Knockdown of C9orf86 by RNA interference reduced the growth inhibitory activity of p19(ARF) and enhanced the rate of cell proliferation.

Function:

May enhance cellular proliferation. May reduce growth inhibitory activity of CDKN2A.

Subcellular Location:

Cytoplasmic and Nuclear. Note=Predominantly cytoplasmic. Proposed to shuttle between cytoplasm and nucleus.

Post-translational modifications:

Isoform 1 is O-glycosylated, while other isoforms are not.

Similarity:

Belongs to the small GTPase superfamily. Rab family.

SWISS:

Q3YEC7

Gene ID:

55684

Database links:

[Entrez Gene: 55684](#)Human

[Entrez Gene: 227624](#)Mouse

[Entrez Gene: 227624](#)Rat

[Omim: 610615](#)Human

[SwissProt: Q3YEC7](#)Human

[SwissProt: Q5U3K5](#)Mouse

[Unigene: 370555](#)Human

[Unigene: 29600](#)Mouse

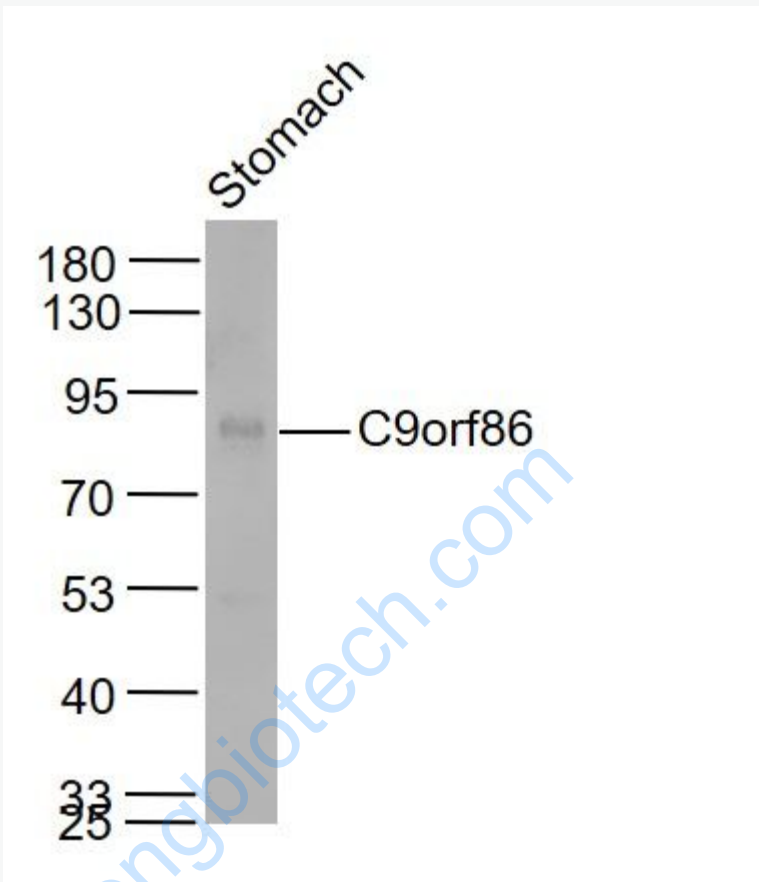
[Unigene: 443064](#)Mouse

[Unigene: 17709](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

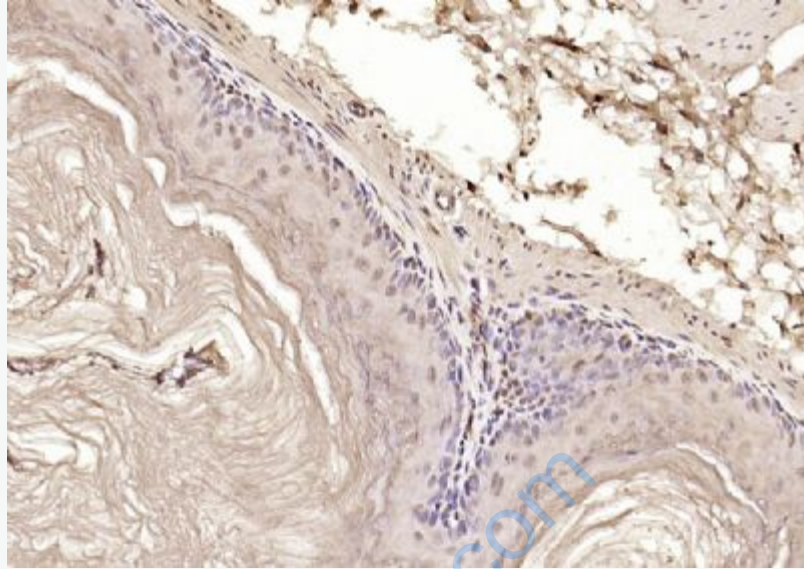
Stomach (Mouse) Lysate at 40 ug

Primary: Anti- C9orf86 (SL9545R) at 1/1000 dilution

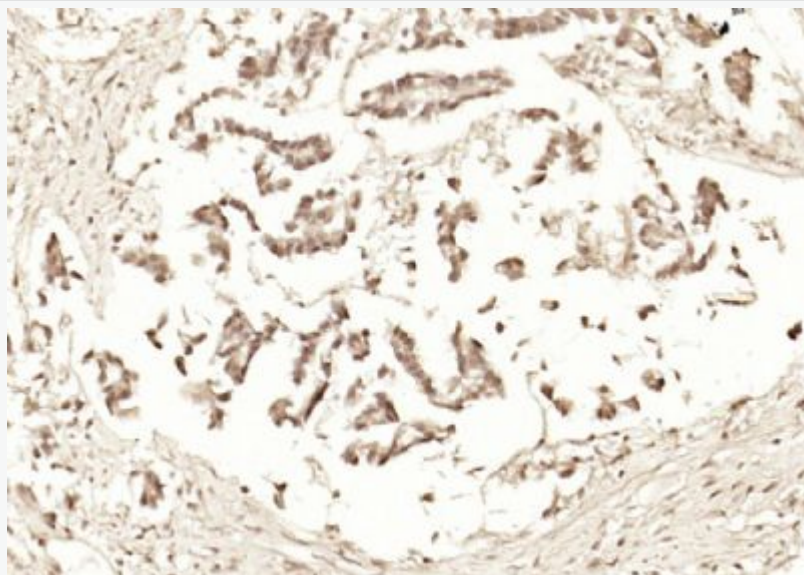
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 80 kD

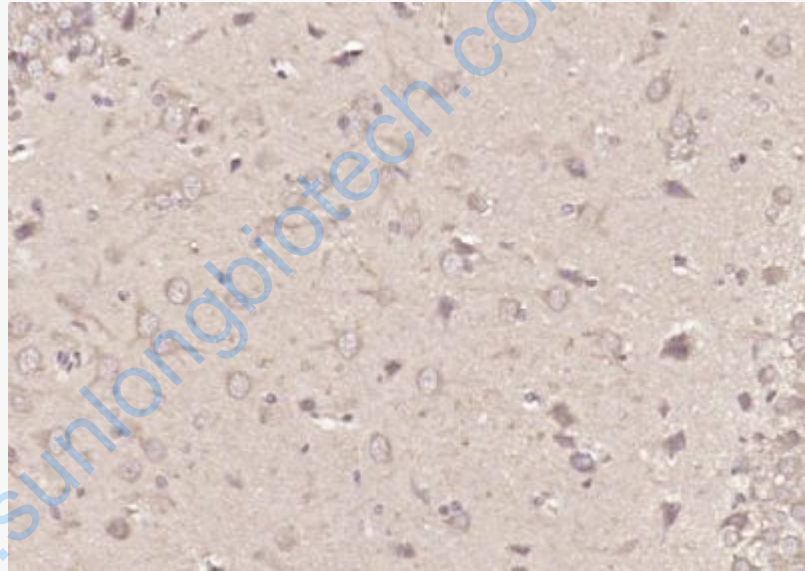
Observed band size: 80 kD



Paraformaldehyde-fixed, paraffin embedded (mouse stomach); 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 (C9orf86) Polyclonal Antibody, Unconjugated (SL9545R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human gastric carcinoma); 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 (C9orf86) Polyclonal Antibody, Unconjugated (SL9545R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); 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 (C9orf86) Polyclonal Antibody, Unconjugated (SL9545R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.