

# FLJ20097 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56123

## Product Information

<b>Application</b>	WB, IHC-P, IHC-F, IF, ICC, E
<b>Primary Accession</b>	<a href="#">Q96JG6</a>
<b>Reactivity</b>	Rat, Pig, Dog, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	111174
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human FLJ20097
<b>Epitope Specificity</b>	3-100/964
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	CCDC132 (coiled-coil domain containing 132) is a 964 amino acid protein that is located on chromosome 7. Two isoforms of CCDC132 exist due to alternative splicing events

## Additional Information

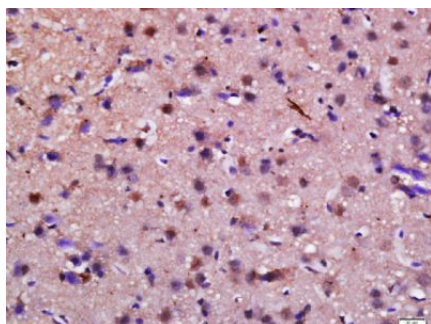
<b>Gene ID</b>	55610
<b>Other Names</b>	Syndetin, Coiled-coil domain-containing protein 132, EARP/GARPII complex subunit VPS50 {ECO:0000312   HGNC:HGNC:25956}, VPS50 ( <a href="#">HGNC:25956</a> )
<b>Target/Specificity</b>	Ubiquitous, with higher expression in brain and skeletal muscle.
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	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.

## Protein Information

<b>Name</b>	VPS50 ( <a href="#">HGNC:25956</a> )
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<b>Function</b>	Acts as a component of the EARP complex that is involved in endocytic recycling. The EARP complex associates with Rab4-positive endosomes and promotes recycling of internalized transferrin receptor (TFRC) to the plasma membrane. Within the EARP complex, required to tether the complex to recycling endosomes. Not involved in retrograde transport from early and late endosomes to the trans-Golgi network (TGN).
<b>Cellular Location</b>	Recycling endosome. Membrane {ECO:0000250 UniProtKB:F1LSG8}. Note=Associates with membranes in an EIPR1-dependent manner. {ECO:0000250 UniProtKB:F1LSG8}
<b>Tissue Location</b>	Ubiquitous, with higher expression in brain and skeletal muscle.

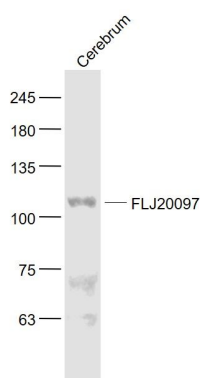
## Images



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-FLJ20097 Polyclonal Antibody, Unconjugated(AP56123) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Sample:

Cerebrum (Mouse) Lysate at 40 ug

Primary: Anti- FLJ20097 (AP56123) at 1/1000 dilution

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

Predicted band size: 111 kD

Observed band size: 111 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.