

FLVCR Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54831**Specification**

FLVCR Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	O9Y5Y0
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59863

FLVCR Polyclonal Antibody - Additional Information**Gene ID** 28982**Other Names**

Feline leukemia virus subgroup C receptor-related protein 1, Feline leukemia virus subgroup C receptor, hFLVCR, FLVCR1, FLVCR

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.

FLVCR Polyclonal Antibody - Protein Information**Name** FLVCR1 {ECO:0000303|PubMed:16439531}**Function**

[Isoform 1]: Heme b transporter that mediates heme efflux from the cytoplasm to the extracellular compartment. Heme export depends on the presence of HPX and is required to maintain intracellular free heme balance, protecting cells from heme toxicity. Heme export provides protection from heme or ferrous iron toxicities in liver, brain, sensory neurons and during erythropoiesis, a process in which heme synthesis intensifies. Possibly export coproporphyrin and protoporphyrin IX, which are both intermediate products in the heme biosynthetic pathway. Does not export bilirubin. The molecular mechanism of heme transport, whether electrogenic, electroneutral or coupled to other ions, remains to be elucidated.

Cellular Location

[Isoform 1]: Cell membrane; Multi-pass membrane protein

Tissue Location

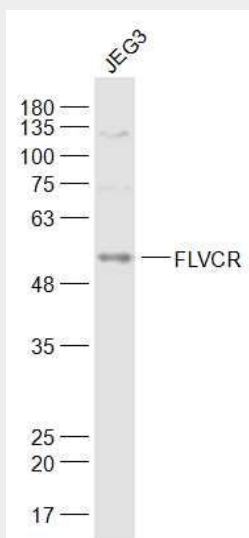
Found all hematopoietic tissues including peripheral blood lymphocytes. Some expression is found in pancreas and kidney.

FLVCR 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](#)

FLVCR Polyclonal Antibody - Images



Sample:

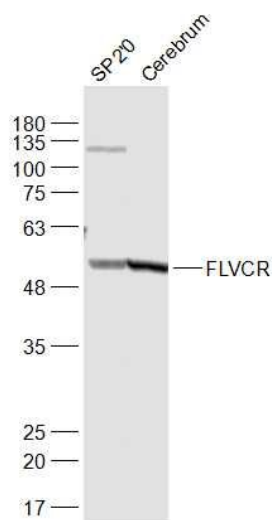
JEG3(Human) Cell Lysate at 30 ug

Primary: Anti-FLVCR (bs-12344R) at 1/1000 dilution

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

Predicted band size: 60 kD

Observed band size: 60 kD



Sample:

SP2/0(Mouse) Cell Lysate at 30 ug

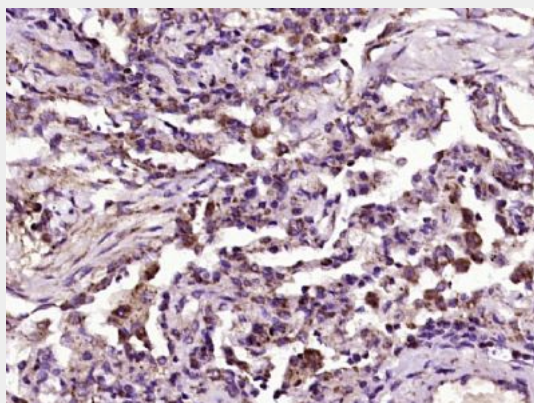
Cerebrum (Mouse) Lysate at 40 ug

Primary: Anti-FLVCR (bs-12344R) at 1/1000 dilution

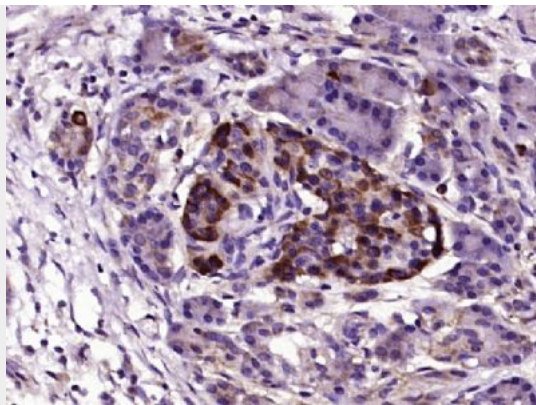
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 60 kD

Observed band size: 60 kD



Paraformaldehyde-fixed, paraffin embedded (human lung 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 (FLVCR) Polyclonal Antibody, Unconjugated (bs-12344R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human Pancreatic 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 (FLVCR) Polyclonal Antibody, Unconjugated (bs-12344R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.