

**HEPACAM Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58328**

**Specification**

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**HEPACAM Polyclonal Antibody - Product Information**

Application	IHC-P, WB
Primary Accession	<a href="#">O14CZ8</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46026

**HEPACAM Polyclonal Antibody - Additional Information**

Gene ID 220296

**Other Names**

Hepatocyte cell adhesion molecule, Protein hepaCAM, HEPACAM  
{ECO:0000312|EMBL:AAI13563.1}

**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.

**HEPACAM Polyclonal Antibody - Protein Information**

**Name** HEPACAM {ECO:0000303|PubMed:15885354, ECO:0000312|HGNC:HGNC:26361}

**Function**

Involved in regulating cell motility and cell-matrix interactions. May inhibit cell growth through suppression of cell proliferation (PubMed:<a href="http://www.uniprot.org/citations/15885354" target="\_blank">15885354</a>, PubMed:<a href="http://www.uniprot.org/citations/15917256" target="\_blank">15917256</a>). In glia, associates and targets CLCN2 at astrocytic processes and myelinated fiber tracts where it may regulate transcellular chloride flux involved in neuron excitability (PubMed:<a href="http://www.uniprot.org/citations/22405205" target="\_blank">22405205</a>).

**Cellular Location**

Cytoplasm. Cell membrane; Single-pass type I membrane protein; Cytoplasmic side.  
Note=Colocalizes with CLCN2 at astrocyte end-foot in contact with brain capillaries and other glial cells (By similarity). In MCF-7 breast carcinoma and hepatic Hep 3B2.1-7 and Hep- G2 cell lines, localization of HEPACAM is cell density-dependent. In well spread cells, localized to punctate structures in the perinuclear membrane, cytoplasm, and at cell surface of protusions. In confluent cells, localized predominantly to the cytoplasmic membrane, particularly in areas of cell-cell

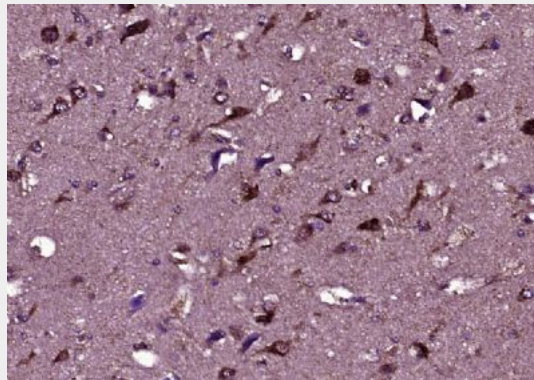
contacts. Colocalizes with CDH1 {ECO:0000250|UniProtKB:Q640R3}

## HEPACAM Polyclonal Antibody - Protocols

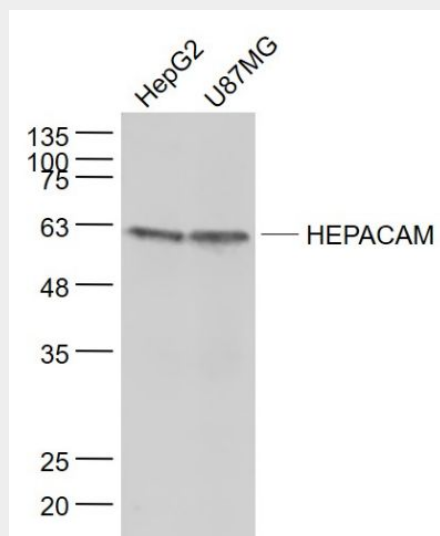
Provided below are standard protocols that you may find useful for product applications.

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

## HEPACAM Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); 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 (HEPACAM) Polyclonal Antibody, Unconjugated (bs-5840R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Sample:

HepG2(Human) Cell Lysate at 30 ug  
U87MG(Human) Cell Lysate at 30 ug  
Primary: Anti- HEPACAM (bs-5840R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 42 kD  
Observed band size: 62 kD