

TMEM109 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57727**Specification**

TMEM109 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9BVC6
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26210

TMEM109 Polyclonal Antibody - Additional Information**Gene ID** 79073**Other Names**

Transmembrane protein 109, Mitsugumin-23, Mg23, TMEM109

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

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.

TMEM109 Polyclonal Antibody - Protein Information**Name** TMEM109 ([HGNC:28771](#))**Function**

Functions as a voltage-gated monoatomic cation channel permeable to both potassium and calcium (By similarity). Plays a role in the cellular response to DNA damage (PubMed:23542032).

Cellular Location

Nucleus outer membrane {ECO:0000250|UniProtKB:O77751}; Multi-pass membrane protein {ECO:0000250|UniProtKB:O77751}. Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:O77751}; Multi-pass membrane protein {ECO:0000250|UniProtKB:O77751}. Sarcoplasmic reticulum membrane

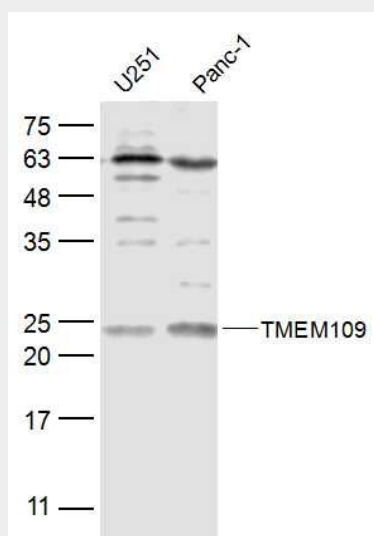
{ECO:0000250|UniProtKB:O77751}; Multi-pass membrane protein
{ECO:0000250|UniProtKB:O77751}

TMEM109 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](#)

TMEM109 Polyclonal Antibody - Images



Sample:

U251(Human) Cell Lysate at 40 ug

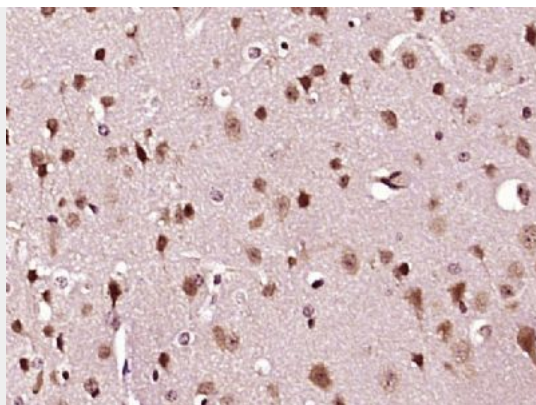
Panc-1(Human) Cell Lysate at 40 ug

Primary: Anti-TMEM109 (bs-10196R) at 1/300 dilution

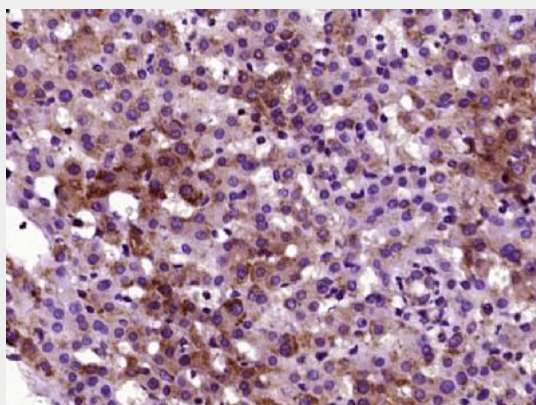
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 23 kD

Observed band size: 23 kD



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); 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 (TMEM109) Polyclonal Antibody, Unconjugated (bs-19950R) 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 liver tissue); 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 (TMEM109) Polyclonal Antibody, Unconjugated (bs-19950R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.