

PMP2 Polyclonal Antibody

Catalog number: 12717-1-AP

Size: 20 µg/150 µl

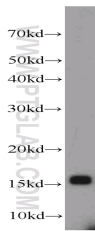
Source: Rabbit

Isotype: IgG

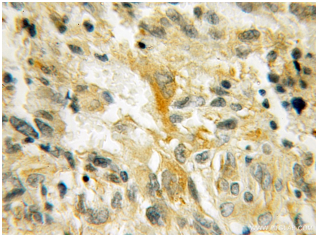
Synonyms:

PMP2; FABP8; M-FABP; MP2;

P2



mouse testis tissue were subjected to SDS PAGE followed by western blot with 12717-1-AP(PMP2 Antibody) at dilution of 1:1000



Immunohistochemistry of paraffin-embedded human gliomas using 12717-1-AP(PMP2 Antibody) at Dilution 1:100 (under 10x lens)

Background

PMP2 (peripheral myelin protein-2, also known as P2) is one of the major proteins of peripheral myelin and appears to be related to the transport of fatty acids or the metabolism of myelin lipids. P2 constitutes up to 15% of total protein of peripheral nervous system (PNS) myelin. It is also present in small amounts in central nervous system (CNS) myelin, being abundant in spinal cord and brain stem myelin. As a structural protein, P2 is thought to stabilize the myelin membranes.

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IF, WB
Species specificity:	Human, mouse, rat; other species not tested.
Cited species:	Human
Positive WB detected in:	Mouse testis tissue, human brain tissue
Calculated PMP2 MW:	132aa, 15kd
Observed PMP2 MW:	15-20 kDa
Positive IHC detected in:	Human gliomas
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:50-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation, FC = Flow cytometry

Immunogen information

Immunogen:	Ag3411
GenBank accession number:	BC034997
Gene ID (NCBI):	5375
Full name:	Peripheral myelin protein 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.