

MZB1 Polyclonal Antibody

Catalog number: 11454-1-AP

Size: 27 µg/150 µl

Source: Rabbit

Isotype: IgG

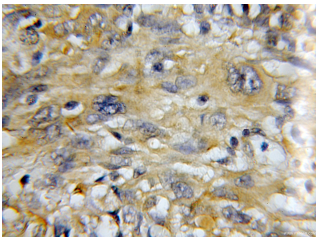
Synonyms:

MGC29506; FLJ32987,

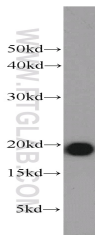
hypothetical protein

MGC29506, MZB1, PACAP,

pERp1



Immunohistochemical of paraffin-embedded human gliomas using 11454-1-AP(MZB1 antibody) at dilution of 1:50 (under 40x lens)



Raji cells were subjected to SDS PAGE followed by western blot with 11454-1-AP(MZB1 antibody) at dilution of 1:1000

Background

MZB1, also named as ,PACAP, MGC29506 and pERp1, belongs to the PERP1 family. It is associates with immunoglobulin M (IgM) heavy and light chains and promotes IgM assembly and secretion. MGC29506(PACAP) may exert its effect by acting as a molecular chaperone or as an oxidoreductase as it displays a low level of oxidoreductase activity. Isoform 2 may be involved in regulation of apoptosis. (PubMed: 11350957) MZB1 has 5 isoforms with MW 21kd and 7-13kd.

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IHC, WB
Species specificity:	Human; other species not tested.
Cited species:	Human
Calculated MZB1 MW:	189aa,21 kDa
Observed MZB1 MW:	19-21 kDa
Positive WB detected in	Raji cells
Positive IHC detected in	Human gliomas tissue, human small intestine tissue
Recommended dilution:	WB: 1:500-1:5000
	IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag2015
GenBank accession number:	BC021275
Gene ID (NCBI):	51237
Full name:	Hypothetical protein MGC29506

Product information

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