

CAPZA1 Polyclonal Antibody

Catalog number: 11806-1-AP

Size: 23 µg/150 µl

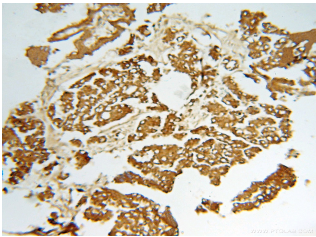
Source: Rabbit

Isotype: IgG

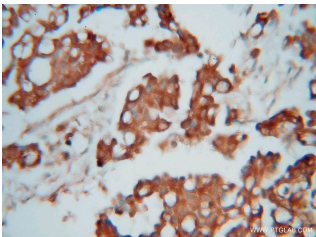
Synonyms:

CAPZA1; CAPPA1, CAPZ, CapZ

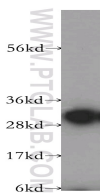
alpha 1, CAPZA1, CAZ1



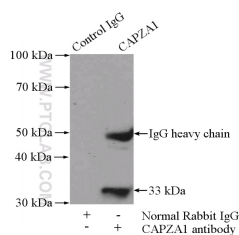
Immunohistochemical of paraffin-embedded human ovary tumor using 11806-1-AP(CAPZA1 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human ovary tumor using 11806-1-AP(CAPZA1 antibody) at dilution of 1:50 (under 40x lens)



human brain tissue were subjected to SDS PAGE followed by western blot with 11806-1-AP(CAPZA1 antibody) at dilution of 1:400



IP Result of anti-CAPZA1

(IP:11806-1-AP, 4µg;

Detection:11806-1-AP 1:300)

Background

CAPZA1 (F-actin-capping protein subunit alpha-1) is a member of the F-actin capping protein alpha subunit family and regulates actin filament growth, stability and disassembly. Differential expression of CAPZA1 has been found in gastric cancer and melanoma, indicating its possible role in tumorigenesis. (21566537, 23545944)

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated CAPZA1 MW:	286aa, 33 kDa
Observed CAPZA1 MW:	33kd
Positive WB detected in	Human brain tissue
Positive IP detected in	SH-SY5Y cells
Positive IHC detected in	Human ovary tumor tissue, human pancreas cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:1000 IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag2267
GenBank accession number:	BC000144
Gene ID (NCBI):	829
Full name:	Capping protein (actin filament) muscle Z-line, alpha 1

Product information

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

with SH-SY5Y cells lysate
3000ug.