

Annexin VI Polyclonal Antibody

Catalog number: 12542-1-AP

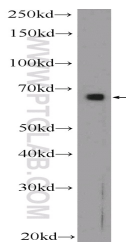
Size: 27 µg/150 µl

Source: Rabbit

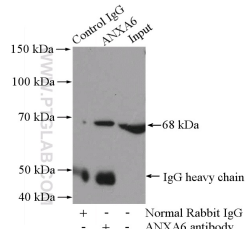
Isotype: IgG

Synonyms:

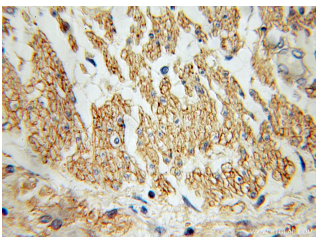
ANXA6; 67 kDa calelectrin,
Annexin 6, annexin A6, Annexin
VI, ANX6, ANXA6,
Calphobindin II, CBP68,
Chromobindin 20, CPB II,
Lipocortin VI, p68, p70, Protein
III



HeLa cells were subjected to SDS PAGE followed by western blot with 12542-1-AP(ANXA6 Antibody) at dilution of 1:1000



IP Result of anti-ANXA6 (IP:12542-1-AP, 4µg; Detection:12542-1-AP 1:500) with mouse kidney tissue lysate 4000µg.



Immunohistochemical of paraffin-embedded human colon cancer using 12542-1-AP(ANXA6 antibody) at dilution of 1:100 (under 40x lens)

Background

ANXA6, also called CBP68, or 67 kDa calelectrin, belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. The annexin VI gene is approximately 60 kbp long and contains 26 exons. It encodes a protein of about 68 kDa that consists of eight 68-amino acid repeats separated by linking sequences of variable lengths. It is highly similar to human annexins I and II sequences, each of which contain four such repeats. Annexin VI has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis.

Applications

Tested applications:	ELISA, IHC, WB, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Rat
Calculated Annexin VI MW:	673aa, 76 kDa
Observed Annexin VI MW:	67 kDa
Positive WB detected in	HeLa cells, human brain tissue, Jurkat cells, mouse brain tissue, mouse kidney tissue, mouse placenta tissue
Positive IP detected in	Mouse kidney tissue
Positive IHC detected in	Human colon cancer tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag3263
GenBank accession number:	BC017046
Gene ID (NCBI):	309
Full name:	Annexin A6

Product information

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