ANXA6 polyclonal antibody

Catalog # PAB14863 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against full length recombinant ANXA6.
Immunogen	Recombinant 6xHis fusion protein corresponding to full length human ANXA6.
Host	Rabbit
Reactivity	Human
Specificity	Molecular mass ~150000 da.
Form	Liquid
Recommend Usage	Western Blot (1:1000) ELISA (1:1000-1:5000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:1500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Enzyme-linked Immunoabsorbent Assay

Gene Info — ANXA6

Entrez GeneID	309
GeneBank Accession#	NM_001155.2
Protein Accession#	NP_001146.1
Gene Name	ANXA6
Gene Alias	ANX6, CBP68
Gene Description	annexin A6
Omim ID	114070
Gene Ontology	Hyperlink
Gene Summary	Annexin VI belongs to a family of calcium-dependent membrane and phospholipid binding protein s. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. The ann exin VI gene is approximately 60 kbp long and contains 26 exons. It encodes a protein of about 6 8 kDa that consists of eight 68-amino acid repeats separated by linking sequences of variable le ngths. It is highly similar to human annexins I and II sequences, each of which contain four such rep eats. Exon 21 of annexin VI is alternatively spliced, giving rise to two isoforms that differ by a 6-a mino acid insertion at the start of the seventh repeat. Annexin VI has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis. [provided by RefSeq
Other Designations	annexin VI|annexin VI (p68)|calcium-binding protein p68|calelectrin|calphobindin II

Disease

- Femur Head Necrosis
- Genetic Predisposition to Disease