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

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

Gene Info — ANXA6

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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 proteins. 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 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. Exon 21 of annexin VI is alternatively spliced, giving rise to two isoforms that differ by a 6-amino 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

Publication Reference

- Identification of IGFBP2 and IGFBP3 As Compensatory Biomarkers for CA19-9 in Early-Stage Pancreatic Cancer Using a Combination of Antibody-Based and LC-MS/MS-Based Proteomics.

  Toshihiro Yoneyama, Sumio Ohtsuki, Kazufumi Honda, Makoto Kobayashi, Motoki Iwasaki, Yasuo Uchida, Takuji Okusaka, Shoji Nakamori, Masashi Shimahara, Takaaki Ueno, Akihiko Tsuchida, Naohiro Sata, Tatsuya Ioka, Yohichi Yasunami, Tomoo Kosuge, Takashi Kaneda, Takao Kato, Kazuhiro Yagihara, Shigeyuki Fujita, Wilber Huang, Tesshi Yamada, Masanori Tachikawa, Tetsuya Terasaki.

  PloS one 2016 Aug; 11(8):e0161013.

  Application: RPPA (Reverse-phase protein array), Human, Plasma

Disease

- Femur Head Necrosis
- Genetic Predisposition to Disease

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