

Product datasheet for **TA341703**

Annexin V (ANXA5) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ANXA5 antibody: synthetic peptide directed towards the N terminal of human ANXA5. Synthetic peptide located within the following region: AYELKHALKGAGTNEKVLTEIIASRTPEELRAIKQVYEEEEYGSSLEDDVV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35 kDa
Gene Name:	annexin A5
Database Link:	NP_001145 Entrez Gene 11747 Mouse Entrez Gene 308 Human P08758



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Background:

The protein encoded by this gene belongs to the annexin family of calcium-dependent phospholipid binding proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential role in cellular signal transduction, inflammation, growth and differentiation. Annexin 5 has also been described as placental anticoagulant protein I, vascular anticoagulant-alpha, endonexin II, lipocortin V, placental protein 4 and anchorin CII. The gene spans 29 kb containing 13 exons, and encodes a single transcript of approximately 1.6 kb and a protein product with a molecular weight of about 35 kDa. [provided by RefSeq, Jul 2008]

Synonyms:

ANX5; ENX2; HEL-S-7; PP4; RPRGL3

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Sheep: 100%; Bovine: 100%; Rabbit: 100%; Horse: 93%; Mouse: 93%; Guinea pig: 92%

Product images:

WB Suggested Anti-ANXA5 Antibody Titration:
0.625 ug/ml; ELISA Titer: 1:1562500; Positive
Control: Human Placenta