



# ANX11 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-05324
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	ANXA11 ANX11
<b>Protein Name</b>	Annexin A11 (56 kDa autoantigen) (Annexin XI) (Annexin-11) (Calcyclin-associated annexin 50) (CAP-50)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 280-360
<b>Specificity</b>	ANX11 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	55kD
<b>Cell Pathway</b>	Cytoplasm . Melanosome. Nucleus envelope. Nucleus, nucleoplasm . Cytoplasm, cytoskeleton, spindle. Found throughout the nucleoplasm at interphase and during mitosis concentrates around the mitotic apparatus (By similarity). Elevation of intracellular calcium causes relocalization from the nucleoplasm to the nuclear envelope, with little effect on the cytoplasmic pool. Localization to the nuclear envelope is cell-cycle dependent. .
<b>Tissue Specificity</b>	Brain,Kidney,Lymph,Teratocarcinoma,Trachea,
<b>Function</b>	disease:Antibodies against ANXA11 are present in sera from patients with various autoimmune diseases, predominantly in sera from patients with rheumatoid arthritis, systemic lupus erythematosus, or Sjogren syndrome.,domain:A pair of annexin repeats may form one binding site for calcium and phospholipid.,similarity:Belongs to the annexin family.,similarity:Contains 4 annexin repeats.,subcellular location:Found throughout the nucleoplasm at interphase and at the mitotic phase is concentrated at the loop-like structure around the mitotic apparatus (By similarity). Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,
<b>Background</b>	This gene encodes a member of the annexin family, a group of calcium-dependent phospholipid-binding proteins. Annexins have unique



N-terminal domains and conserved C-terminal domains, which contain calcium-dependent phospholipid-binding sites. The encoded protein is a 56-kD antigen recognized by sera from patients with various autoimmune diseases. Several transcript variants encoding two different isoforms have been identified. [provided by RefSeq, Dec 2015],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**