

Annexin V Polyclonal Antibody

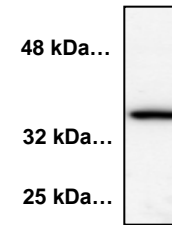
CATALOG NO:	3357-30T 30 µg (Trial size)
	3357-100 100 µg
HOST:	Rabbit
IMMUNOGEN:	Recombinant human Annexin V (Cat. No. 1005)
INTERNAL ID:	BV-201
FORMULATION:	0.5 mg/ml in PBS (pH 7.2) with 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% proclin
SPECIES REACTIVITY:	Human, Mouse, Rat
STORAGE CONDITIONS:	Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND: The annexin family of calcium-binding proteins is composed of at least ten mammalian genes. It is characterized by a conserved core domain which binds to phospholipids in a Calcium dependent manner and a unique amino terminal region which may confer binding specificity. Annexin family members have been implicated as regulators of such diverse processes as ion flux, endocytosis and exocytosis, and cellular adhesion. Annexin V is ubiquitously expressed at high levels in tissues and cells grown in culture.

SPECIFICITY: The antibody detects annexin V from samples of human, mouse, and rat origin. Jurkat cell lysate, mouse small intestine and rat kidney tissue lysates can be used as positive controls.

APPLICATION AND USAGE: The antibody can be used for Western blotting (0.5-4 µg/ml) and in Immunohistochemistry (2.5 µg/ml). Based on researcher's feedback, it can also be used in Immunoprecipitation. However, the optimal conditions should be determined individually.

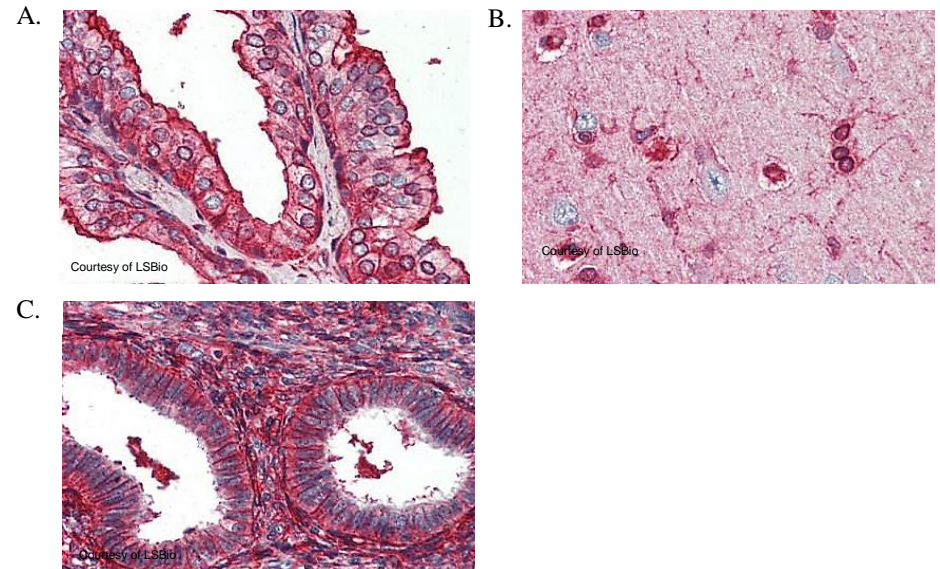
FOR RESEARCH USE ONLY! Not to be used on humans.



Western blot with Annexin V Polyclonal Antibody – Cat # 3357-100

Jurkat cell lysate (20 µg) loaded
 Blocking/Dilution buffer: 5% NFD (1 hr at RT) / TBST
 Annexin V Polyclonal Antibody used at 1:1000 dilution - O/N at 4°C.
 Goat Anti-Rabbit IgG peroxidase conjugated used at 1:10,000 dilution – 1 hr at RT
 Predicted band size: 36 kDa.
 Observed band size: 36 kDa.

IHC staining of human A) Prostate, B) Brain cortex and C) Uterus tissue with Annexin V Polyclonal antibody: Immunohistochemistry of formalin fixed, paraffin-embedded tissue after heat-induced antigen retrieval. 2.5 µg/ml of antibody used for staining. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen.



RELATED PRODUCTS:

- Annexin VIII Antibody (Cat # 3637-100)
- Annexin VIII Antibody (Cat # 2637R-100)
- Annexin VIII Blocking Peptide (Cat # 3637RBP-50)
- Annexin V Blocking Peptide (Cat # 3357BP-50)
- Annexin V-Biotin Apoptosis Kit (Cat # K109-100, -25, -400)
- Annexin V-Biotin Reagent (Cat # 1003-100, -1000)