

# Annexin VIII Polyclonal Antibody

<b>CATALOG #:</b>	3637R-100
<b>AMOUNT:</b>	100 µg
<b>HOST:</b>	Rabbit
<b>IMMUNOGEN:</b>	Synthetic peptide surrounding amino acid 316 of human Annexin VIII (ID# BV-335).
<b>SPECIES REACTIVITY:</b>	Human

**FORMULATION:**

100 µg (0.5 mg/ml) protein A purified rabbit anti-Annexin VIII polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

**STORAGE CONDITIONS:**

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

**BACKGROUND:**

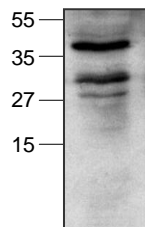
The annexin family of calcium-binding proteins is composed of at least ten mammalian genes. It is characterized by a conserved core domain which binds to phospholipids in a Ca<sup>2+</sup>-dependent manner. Annexin family members have been implicated as regulators of diverse processes as ion flux, endocytosis and exocytosis, and cellular adhesion. Annexin VIII is preferentially expressed in acute promyelocytic leukemia (APL) cells which may relate its role in hematopoietic cell differentiation.

**SPECIFICITY:**

The antibody detects 36 kDa annexin VIII of human origin. The ~28-30 kDa cleavage fragments can also be detected in Jurkat cell lysate. Blocking peptide is available separately (Cat.# 3637RBP-50).

**APPLICATION AND USAGE:**

The antibody can be used for Western blotting (0.5-4 µg/ml) and Immunohistochemistry (5 µg/ml). However, the optimal conditions should be determined individually. Jurkat cell lysate (Cat.# 2401-100) can be used as a positive control.

**Annexin VIII****Cat.# 3637R-100**

Western blot analysis of  
Annexin VIII expression in  
Jurkat cell lysate.

**RELATED PRODUCTS:**

- Annexin V Antibody (**Cat. No. 3357-100**)
- Annexin VIII Antibody (**Cat. No. 3637-100**)
- Annexin V Blocking Peptide (**Cat. No. 3357BP-50**)
- Annexin VIII Blocking Peptide (**Cat. No. 3637RBP-50**)

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