

ARG45130 anti-Annexin VI antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Annexin VI
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	Annexin VI
Species	Human
Immunogen	Recombinant protein containing to human Annexin VI.
Conjugation	Un-conjugated
Alternate Names	Chromobindin-20; Annexin VI; 67 kDa calelectrin; p70; p68; Lipocortin VI; Annexin A6; CPB-II; ANX6; CBP68; Annexin-6; Protein III; Calphobindin-II

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.1-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	76 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

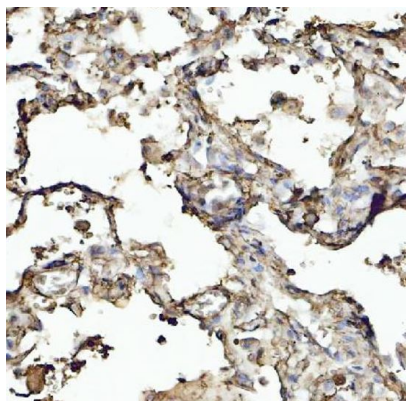
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

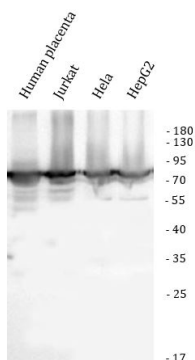
Gene Symbol	ANXA6
Gene Full Name	annexin A6
Background	The Annexin family of calcium-binding proteins is composed of at least ten mammalian genes. It is characterized by a conserved core domain which binds to phospholipids in a Ca ²⁺ -dependent manner and a unique amino terminal region which may confer binding specificity. The Annexin family has been implicated as regulators of such diverse processes as ion-flux, endocytosis and exocytosis, and cellular adhesion. When overexpressed in A431 cells, Annexin VI causes a partial reversal of the transformed phenotype.
Function	May associate with CD21. May regulate the release of Ca ²⁺ from intracellular stores. [UniProt]
Calculated Mw	76 kDa
PTM	Acetylation; Phosphoprotein. [UniProt]
Cellular Localization	Cytoplasm; Melanosome. [UniProt]

Images



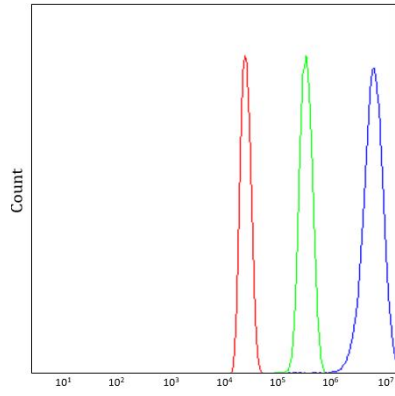
ARG45130 anti-Annexin VI antibody IHC-P image

Immunohistochemistry: Human lung cancer stained with ARG45130 anti-Annexin VI antibody at 2 µg/ml dilution.



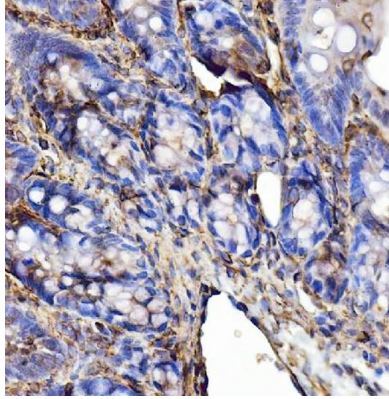
ARG45130 anti-Annexin VI antibody WB image

Western blot: Human placenta, Jurkat, HeLa, and HepG2 stained with ARG45130 anti-Annexin VI antibody at 0.5 µg/ml dilution.



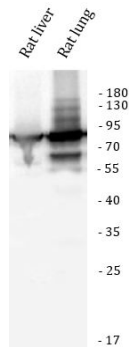
ARG45130 anti-Annexin VI antibody FACS image

Flow Cytometry: HL-60 stained with ARG45130 anti-Annexin VI antibody at 1 µg/10⁶ cells dilution.



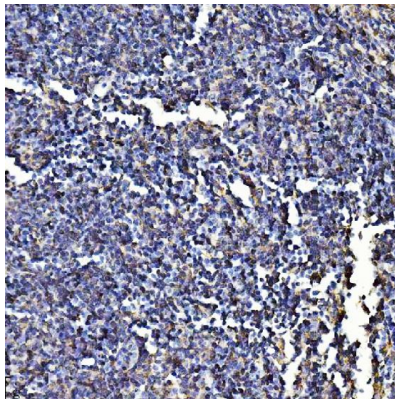
ARG45130 anti-Annexin VI antibody IHC-P image

Immunohistochemistry: Rat colon stained with ARG45130 anti-Annexin VI antibody at 2 µg/ml dilution.



ARG45130 anti-Annexin VI antibody WB image

Western blot: Rat liver and rat lung stained with ARG45130 anti-Annexin VI antibody at 0.5 µg/ml dilution.



ARG45130 anti-Annexin VI antibody IHC-P image

Immunohistochemistry: Mouse lymphade stained with ARG45130 anti-Annexin VI antibody at 2 µg/ml dilution.

ARG45130 anti-Annexin VI antibody WB image

Western blot: Mouse liver and mouse lung stained with ARG45130 anti-Annexin VI antibody at 0.5 µg/ml dilution.

