

ARG41813 anti-WFDC2 / HE4 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes WFDC2 / HE4
Tested Reactivity	Hu
Tested Application	IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	WFDC2 / HE4
Species	Human
Immunogen	Synthetic peptide of Human WFDC2 / HE4.
Conjugation	Un-conjugated
Alternate Names	HE4; dJ461P17.6; WAP5; Putative protease inhibitor WAP5; Major epididymis-specific protein E4; WAP four-disulfide core domain protein 2; Epididymal secretory protein E4; EDDM4

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	IP	1:50
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human ovary cancer	
Observed Size	~ 19 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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.

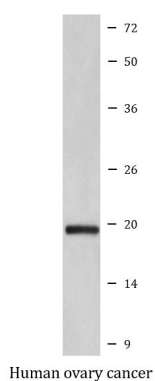
Note

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

Bioinformation

Gene Symbol	WFDC2
Gene Full Name	WAP four-disulfide core domain 2
Background	This gene encodes a protein that is a member of the WFDC domain family. The WFDC domain, or WAP Signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor in many family members. This gene is expressed in pulmonary epithelial cells, and was also found to be expressed in some ovarian cancers. The encoded protein is a small secretory protein, which may be involved in sperm maturation. [provided by RefSeq, Jul 2008]
Function	Broad range protease inhibitor. [UniProt]
Calculated Mw	13 kDa
Cellular Localization	Secreted. [UniProt]

Images



ARG41813 anti-WFDC2 / HE4 antibody WB image

Western blot: Human ovary cancer whole tissue lysate stained with ARG41813 anti-WFDC2 / HE4 antibody.