

## ARG41765 anti-WFDC2 / HE4 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes WFDC2 / HE4
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	WFDC2 / HE4
Species	Human
Immunogen	Recombinant protein corresponding to E31-F124 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
	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.	
Observed Size	~ 15 kDa	

### Properties

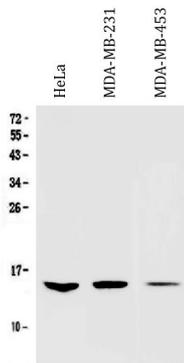
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody 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	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



ARG41765 anti-WFDC2 / HE4 antibody WB image

Western blot: 50 µg of samples under reducing conditions. HeLa, MDA-MB-231 and MDA-MB-453 whole cell lysates stained with ARG41765 anti-WFDC2 / HE4 antibody at 0.5 µg/ml dilution, overnight at 4°C.