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HE4 Antibody

Rabbit mAb
Catalog # AP91057

Product Information

Application	WB, IF, FC, ICC, IP
Primary Accession	Q14508
Reactivity	Human, Mouse
Clonality	Monoclonal
Other Names	WFDC2; Epididymis-specific he4; Epididymal protein 4; DJ461P17.6; EDDM4; HE4; WAP5;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	12993

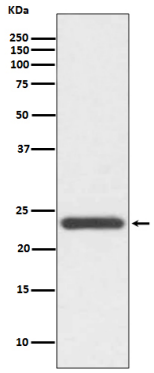
Additional Information

Dilution	WB 1:500~1:2000 ICC/IF 1:50~1:200 IP 1:50 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human HE4
Description	Expressed in a number of normal tissues, including male reproductive system, regions of the respiratory tract and nasopharynx. Highly expressed in a number of tumors cells lines, such ovarian, colon, breast, lung and renal cells lines. Initially described as being exclusively transcribed in the epididymis.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	WFDC2 (HGNC:15939)
Function	Plays a critical role in lung development (By similarity). Required for terminal differentiation of bronchiole club cells (By similarity). Required for development of airway barrier mechanisms, such as lamellar body formation in type II alveolar epithelial cells and cilia formation on ciliated epithelial cells following initiation of respiration at birth (By similarity). Required for type I alveolar epithelial cell and vascular endothelial development in the lungs, thereby mediating blood-air barrier exchange (By similarity).
Cellular Location	Secreted.
Tissue Location	Expressed in lung, trachea, kidney, breast, fallopian tubes, endometrium, cervix, epididymis and prostate

Images



Western blot analysis of HE4 expression in SW480 cell lysate.

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Immunofluorescent analysis of SK-OV-3 cells, using HE4 Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.