

Rabbit anti-Rat HE4 Polyclonal Antibody | anti-WFDC2 antibody

Anti-HE4 Antibody, Rabbit Polyclonal

CATALOG # AAA257297	HOST Rabbit	REACTIVITY Rat	APPLICATIONS Immunohistochemistry, ELISA
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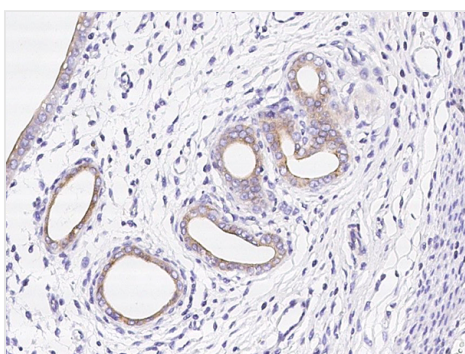
PRODUCT SYNONYMS

HE4; Polyclonal Antibody; Anti-HE4 Antibody; Rabbit Polyclonal; WAP5/WFDC2/HE4 Antibody; Rabbit PAb; Antigen Affinity Purified; WAP four-disulfide core domain 2; anti-WFDC2 antibody

PRODUCT SPECIFICATIONS

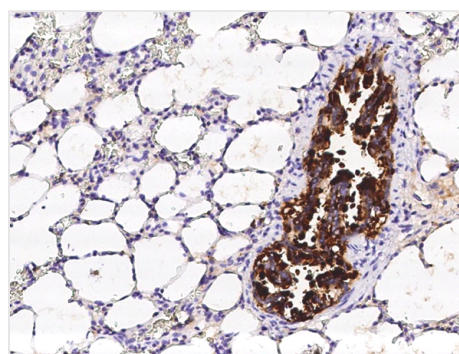
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Rat WAP5/WFDC2/HE4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-WFDC2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Rat WAP5/WFDC2/HE4 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Rat WAP5/WFDC2/HE4 isoform 2 (Q8CHN3-2; Met 4-Phe 120). WAP5/WFDC2/HE4 specific IgG was purified by Rat WAP5/WFDC2/HE4 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of rat WFDC2 in rat uterus with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of rat WFDC2 in rat lung with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-WFDC2 antibody	WAP four-disulfide core domain protein 2, also known as Epididymal secretory protein E4, Major epididymis-specific protein E4, Putative protease inhibitor WAP5, WFDC2 and HE4, is a secreted protein that contains two WAP domains. WFDC2/HE4 is a member of a family of stable 4-disulfide core proteins that are secreted at high levels. It is expressed in a number of normal tissues, including male reproductive system, regions of the respiratory tract and nasopharynx. It is 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. WFDC2 may be a component of the innate immune defences of the lung, nasal and oral cavities and suggest that WFDC2 functions in concert with related WAP domain containing proteins in epithelial host defence. WFDC2 re-expression in lung carcinomas may prove to be associated with tumour type and should be studied in further detail. Mammary gland expression of tammar WFDC2 during the course of lactation showed WFDC2 was elevated during pregnancy, reduced in early lactation and absent in mid-late lactation. WFDC2/HE4 can undergo a complex series of alternative splicing events that can potentially yield five distinct WAP domain containing protein isoforms.
Product Categories/Family for anti-WFDC2 antibody	Serine Proteases and Regulators
References	Bingle, L. et al., 2002, Oncogene. 21 (17):2768-73. Hellstrom, I. et al., 2003, Cancer Res. 63 (13):3695-700. Bingle, L. et al., 2006, Respir Res. 7 : 61. Galgano, M.T. et al., 2006, Mod Pathol.19 (6):847-53. Sharp, J.A. et al., 2007, Evol Dev. 9 (4): 378-92.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/he4-antibody-immunohistochemistry-elisa/257297>