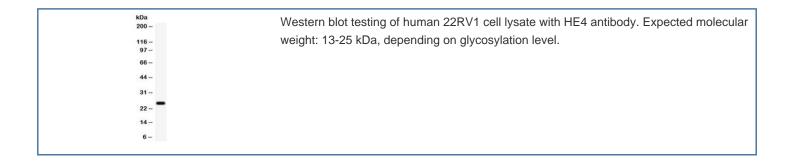


HE4 Antibody / WFDC2 (R32389)

Catalog No.	Formulation	Size
R32389	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q14508
Localization	Cytoplasmic, secreted
Applications	Western Blot: 0.1-0.5ug/ml ELISA: 0.1-0.5ug/ml (human protein tested); request BSA-free format for coating
Limitations	This HE4 antibody is available for research use only.



Description

WAP four-disulfide core domain protein 2, also known as Human Epididymis Protein 4 (HE4), is a protein that in humans is encoded by the WFDC2 gene. 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.

Application Notes

Optimal dilution of the HE4 antibody should be determined by the researcher.

Immunogen

Amino acids E31-F124 from the human protein were used as the immunogen for the HE4 antibody.

Storage

After reconstitution, the HE4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.