

Anti-TEKT4 antibody

Cat. No.	ml221332
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-TEKT4 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human TEKT4
Reactivity	Human
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	TEKT4
Full name	tektin 4

Synonyms

Swissprot Q8WW24

Target Background

Tektin 4, also known as TEKT4, is a 435 amino acid protein belonging to the tektin family. Localizing to cytoplasm as well as haploid round spermatids in testis, Tektin 4 is expressed in the abaxial surface of outer dense fibers (ORFs) in sperm flagella. Deletion of Tektin 4 is associated with uncoordinated waveform propagation and reduced velocity of sperm flagellum, resulting in subfertility.

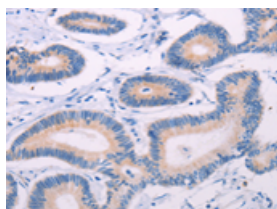
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 25-100

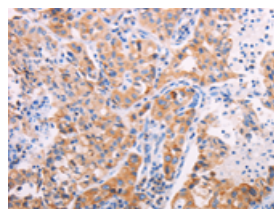


The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml221332(TEKT4 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human lung cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml221332(TEKT4 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 51 kDa

Positive control: A172 and 293T cell

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

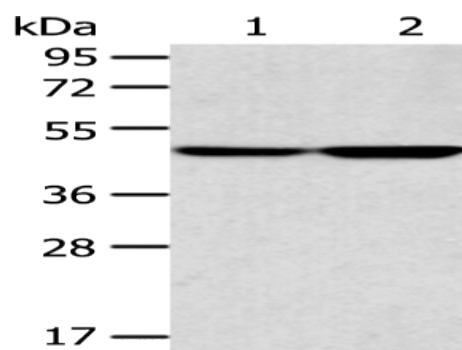
Lysate: 40 μ g

Lane 1-2: A172 and 293T cell

Primary antibody: ml221332(TEKT4 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 2000-5000

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