

Product datasheet for **TA322047**

TEKT5 Rabbit Polyclonal Antibody

Product data:

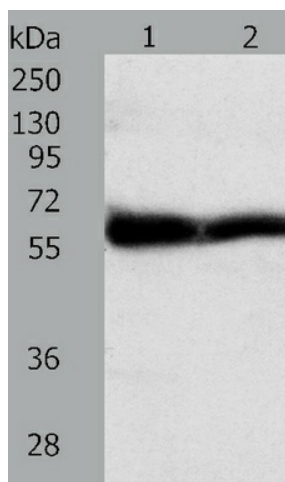
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:1000-2000, WB: 1:200-1000, IHC: 1:25-100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 250 amino acids of human tektin 5
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	tektin 5
Database Link:	NP_653275 Entrez Gene 70426 MouseEntrez Gene 363538 RatEntrez Gene 146279 Human Q96M29

Background: Tektins are important components of flagella. Alterations in the expression of or mutations in mouse tektins are correlated with defective sperm motility; a cause of male infertility. At the protein level; TEKT5 was present in sperm and was enriched in the accessory structures of flagella. Immunofluorescence confirmed that TEKT5 was localized throughout the sperm tail in flagellar accessory structures. The expression pattern suggests that TEKT5 plays an important role in flagella formation during spermiogenesis as well as being implicated in sperm motility.

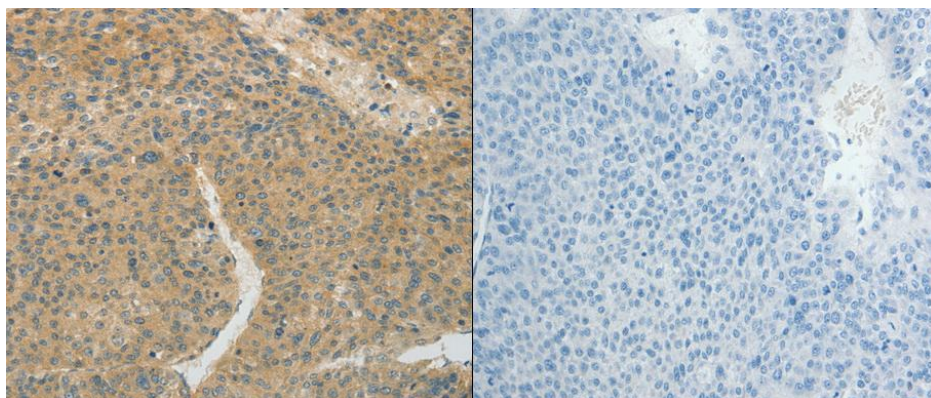
Synonyms: CT149



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Product images:

Predicted band size: 56 kDa. Positive control: Human brain malignant glioma and human seminoma tissue lysate. Recommended dilution: 1/200-1000. (Gel: 10%SDS-PAGE Lane 1: Human brain malignant glioma tissue lysate Lane 2: Human seminoma tissue lysate Lysates: 40 ug per lane Primary antibody: 1/350 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 10 minutes)



Predicted cell location: Cytoplasm. Positive control: Human liver cancer tissue. Recommended dilution: 1/25-100 The image on the left is immunohistochemistry of paraffin-embedded human liver cancer tissue using TEKT5 antibody at dilution 1/20, on the right is treated with the fusion protein. (Original magnification: x200)