

## TEX14 antibody

### Product Information

Catalog No.:	FNab08609
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Required both for the formation of intercellular bridges during meiosis and for kinetochore-microtubule attachment during mitosis. Intercellular bridges are evolutionarily conserved structures that connect differentiating germ cells and are required for spermatogenesis and male fertility. Acts by promoting the conversion of midbodies into intercellular bridges via its interaction with CEP55: interaction with CEP55 inhibits the interaction between CEP55 and PDCD6IP/ALIX and TSG101, blocking cell abscission and leading to transform midbodies into intercellular bridges. Also plays a role during mitosis: recruited to kinetochores by PLK1 during early mitosis and regulates the maturation of the outer kinetochores and microtubule attachment. Has no protein kinase activity in vitro(By similarity).

### Immunogen information

Immunogen:	testis expressed 14
Synonyms:	Inactive serine/threonine-protein kinase TEX14 Protein kinase-like protein SgK307 Sugen kinase 307 Testis-expressed sequence 14 Testis-expressed sequence 14 protein TEX14 SGK307
Observed MW:	180-200 kDa, 106 kDa
Uniprot ID :	Q8IWB6

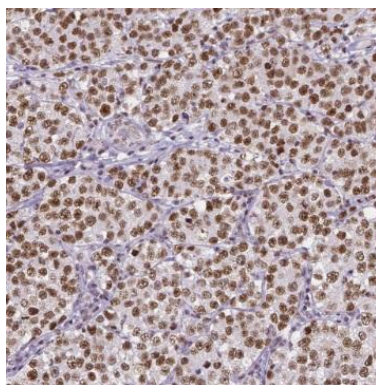
### Application

Reactivity:	Human, Mouse
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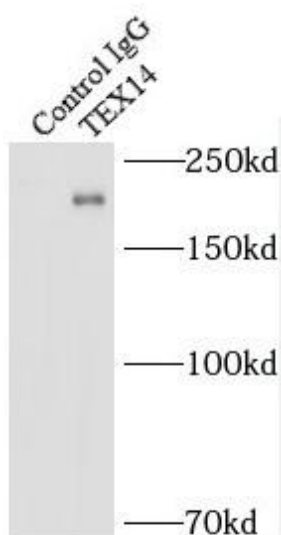
Tested Application: ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

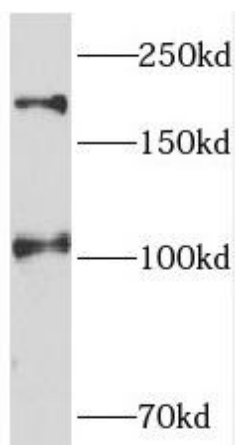
Image:



Immunohistochemistry of paraffin-embedded human testis using FNab08609(TEX14 antibody) at dilution of 1:50



IP Result of anti-TEX14 (IP:FNab08609, 4ug; Detection:FNab08609 1:500) with mouse testis tissue lysate 4000ug.



mouse testis tissue were subjected to SDS PAGE followed by western blot with FNab08609(TEX14 antibody) at dilution of 1:500