

Anti-TSSK4 Antibody
Rabbit polyclonal antibody to TSSK4
Catalog # AP61006**Specification**

Anti-TSSK4 Antibody - Product Information

Application	WB
Primary Accession	Q6SA08
Other Accession	Q9D411
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37454

Anti-TSSK4 Antibody - Additional Information**Gene ID** 283629**Other Names**C14orf20; STK22E; TSSK5; Testis-specific serine/threonine-protein kinase 4; TSK-4; TSSK-4;
Testis-specific kinase 4; Serine/threonine-protein kinase 22E**Target/Specificity**

Recognizes endogenous levels of TSSK4 protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-TSSK4 Antibody - Protein Information**Name** TSSK4 ([HGNC:19825](#))**Function**

Serine/threonine kinase which is involved in male germ cell development and in mature sperm function (By similarity). May be involved in the Cre/Creb signaling pathway (By similarity). Phosphorylates CREB1 on 'Ser-133' in vitro and can stimulate Cre/Creb pathway in cells (PubMed:15964553). Phosphorylates CREM on 'Ser-116' in vitro (By similarity). Phosphorylates ODF2 on 'Ser-95' (By similarity).

Cellular Location

Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250|UniProtKB:Q9D411}. Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q9D411}. Note=In spermatozoa, present in the sperm head and in the flagellum. {ECO:0000250|UniProtKB:Q9D411}

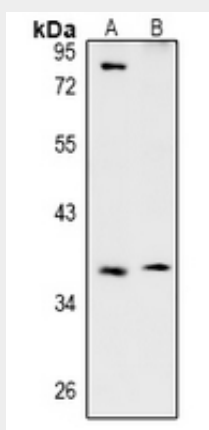
Tissue Location

Expressed only in the testis.

Anti-TSSK4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TSSK4 Antibody - Images

Western blot analysis of TSSK4 expression in mouse testis (A), rat testis (B) whole cell lysates.

Anti-TSSK4 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TSSK4. The exact sequence is proprietary.