

# Anti-TAO1 [TAO1 2.2]

**Catalogue number:** 152750

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Viji Draviam Sastry

**Institute:** University of Cambridge

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-TAO1 [TAO1 2.2]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** TAO1 is a microtubule affinity-regulating kinase kinase (also known as MARKK) and an important regulator of mitotic progression, required for proper attachment of chromosomes to microtubules. The kinase is also important for the orientation of the mitotic spindle. TAO1 is thought to be the upstream activating kinase of MARK1, a Par family protein

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** His-tagged recombinant human TAO1 (722-1001) generated in E.coli

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** Lysate from HeLa cell line

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** TAO1

**Target alternate names:**

**Target background:** TAO1 is a microtubule affinity-regulating kinase kinase (also known as MARKK) and an important regulator of mitotic progression, required for proper attachment of chromosomes to microtubules. The kinase is also important for the orientation of the mitotic spindle. TAO1 is thought to be the upstream activating kinase of MARK1, a Par family protein

**Molecular weight:** 120 kDa

**Ic50:**

## Applications

**Application:** IF ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

# References

References:

CancerTools.org