

# MARK4 Polyclonal Antibody

#### Description

Product type Primary Antibody

Code BT-AP05231

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human MARK4. AA range:461-510

Mol wt 82520

Species reactivity Human, Mouse

**Clonality** Polyclonal

Recommended application IF, ELISA

Concentration 1 mg/ml

Full name MARK4 Antibody

Synonyms MARK4; KIAA1860; MARKL1; MAP/microtubule affinity-regulating kinase 4; MAP/microtubule affinity-

regulating kinase-like 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

#### Background

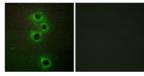
MARK4 (microtubule affinity regulating kinase 4) encodes a member of the microtubule affinity-regulating kinase family. These protein kinases phosphorylate microtubule-associated proteins and regulate the transition between stable and dynamic microtubules. The encoded protein is associated with the centrosome throughout mitosis and may be involved in cell cycle control. Expression of MARK4 is a potential marker for cancer, and the encoded protein may also play a role in Alzheimer's disease. Pseudogenes of MARK4 are located on both the short and long arm of chromosome 3. Alternatively spliced transcript variants encoding multiple isoforms have been observed for MARK4.

### Recommended Dilution

IF: 1: 200 - 1: 1000 ELISA: 1: 40000

Not yet tested in other applications.

#### **Images**



Immunofluorescence analysis of A549 cells, using MARK4 Antibody. The picture on the right is blocked with the synthesized peptide.

## Storage

-20°C for one year