

## Datasheet

### AKAP14 monoclonal antibody, clone FGO-1

**Catalog Number:** MAB19538

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit monoclonal antibody raised against synthetic peptide of human AKAP14.

**Clone Name:** FGO-1

**Immunogen:** A synthetic peptide corresponding to human AKAP14.

**Host:** Rabbit

**Reactivity:** Human, Mouse, Rat

**Applications:** ICC, IF, IP, WB-Ce

(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Affinity purification

**Isotype:** IgG

**Recommend Usage:** Immunocytochemistry

(1:50-1:200)

Immunofluorescence (1:50-1:200)

Immunoprecipitation (1:50)

Western Blot (1:500-1:2000)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Storage Instruction:** Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

**Entrez GeneID:** 158798

**Gene Symbol:** AKAP14

**Gene Alias:** AKAP28

**Gene Summary:** The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The protein anchors PKA in ciliary axonemes and, in this way, may play a role in regulating ciliary beat frequency. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]