10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# Anti-Sugen Kinase 269 Antibody

Catalog # AP53906

## Product Information

| | |
|---|---|
| **Application** | WB |
| **Primary Accession** | Q9H792 |
| **Reactivity** | Human, Mouse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 193106 |

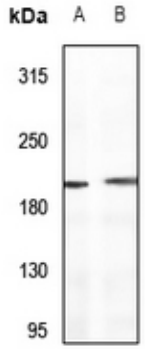
## Additional Information

| | |
|---|---|
| **Gene ID** | 79834 |
| **Other Names** | KIAA2002; Pseudopodium-enriched atypical kinase 1; Sugen kinase 269; Tyrosine-protein kinase SgK269 |
| **Target/Specificity** | KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Sugen Kinase 269. The exact sequence is proprietary. |
| **Dilution** | WB~~1/500 - 1/1000 |
| **Format** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

## Protein Information

| | |
|---|---|
| **Name** | PEAK1 |
| **Synonyms** | KIAA2002 |
| **Function** | Probable catalytically inactive kinase. Scaffolding protein that regulates the cytoskeleton to control cell spreading and migration by modulating focal adhesion dynamics (PubMed:20534451, PubMed:23105102, PubMed:35687021). Acts as a scaffold for mediating EGFR signaling (PubMed:23846654). |
| **Cellular Location** | Cytoplasm, cytoskeleton. Cell junction, focal adhesion Note=Colocalizes with F-actin in serum-rich medium (PubMed:20534451) Actin colocalization is reduced during serum starvation (PubMed:20534451). |

## Images




Western blot analysis of Sugen Kinase 269 expression in HEK293T (A), LO2 (B) whole cell lysates. (Predicted band size: 193 kD; Observed band size: 193 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.