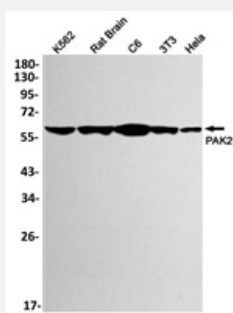


RecomAb™

PAK2 recombinant monoclonal antibody, clone R03-7C6

Catalog # RAB04900 Size 100 uL

Applications



Western Blot

Western blot analysis of K562, rat Brain, C6, 3T3, HeLa lysates with PAK2 recombinant monoclonal antibody, clone R03-7C6 (Cat # RAB04900).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PAK2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human PAK2.
Theoretical MW (kDa)	58
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of K562, rat Brain, C6, 3T3, Hela lysates with PAK2 recombinant monoclonal antibody, clone R03-7C6 (Cat # RAB04900).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Gene Info — PAK2

Entrez GeneID[5062](#)**Protein Accession#**[Q13177](#)**Gene Name**

PAK2

Gene Alias

PAK65, PAKgamma

Gene Description

p21 protein (Cdc42/Rac)-activated kinase 2

Omim ID[605022](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The p21 activated kinases (PAK) are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. The PAK proteins are a family of serine/threonine kinases that serve as targets for the small GTP binding proteins, CDC42 and RAC1, and have been implicated in a wide range of biological activities. The protein encoded by this gene is activated by proteolytic cleavage during caspase-mediated apoptosis, and may play a role in regulating the apoptotic events in the dying cell. [provided by RefSeq]

Other Designations

S6/H4 kinase|p21 (CDKN1A)-activated kinase 2|p21-activated kinase 2

Pathway

- [Axon guidance](#)

- [ErbB signaling pathway](#)
- [Focal adhesion](#)
- [MAPK signaling pathway](#)
- [Regulation of actin cytoskeleton](#)
- [Renal cell carcinoma](#)
- [T cell receptor signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Schizophrenia](#)