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Inspiration for Life Science

Trans Genic Inc.

Code No.KAL-KR055-EX

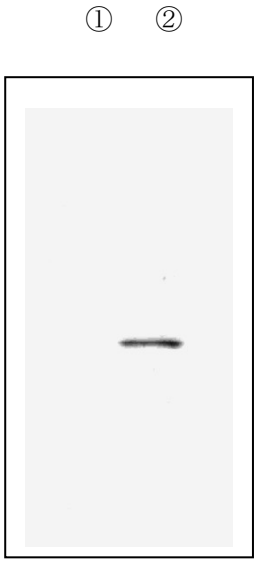
For research use only

Anti Siah1 Polyclonal antibody, Rabbit

The turnover of a protein is precisely under control in the cell. Particularly, the system of controlling protein degradation via the ubiquitin-proteosome pathway is involving in many kinds of process in the cell. The *Drosophila Seven in absentina* (Sina) gene product originally was identified as a protein that controls cell fate decisions during eye development. Its mammalian homolog, Siah1 and Siah2, have been described that they might involve in ubiquitin-mediated proteolysis of several proteins, as well as in growth arrest and p53-induced apoptosis.

This antibody is very useful for identifying the function of the mammalian Siah1 in the cell.

Package Size	25μg（100μL/vial）
Format	Rabbit polyclonal antibody 0.25mg/mL
Buffer	Block Ace as a stabilizer, containing 0.1%Proclin as bacteriostat
Storage	Below –20℃ Once thawed, store at 4℃. Repeated freeze-thaw cycles should be avoided.
Purification method	This antibody was purified from rabbit serum by affinity chromatography.
Working dilution	Western Blotting: 0.8μg/mL



Western Blotting

Sample：293 cell lysate
1) control
2) Siah1gene transgenic cell＋MG-132（protease inhibitor）

Preparation of antibodies and instruction
Dr.Koki Moriyoshi at Department of Biological Sciences, Kyoto University Faculty of Medicine

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【Reference】

1. Development; 117, p1333-1343 (1993)
2. Genes Development; 11, p2701-2714 (1997)
3. Molecular Cell Biol.; 7, p915-926 (2001)
4. Molecular Cell Biol.; 7, p927-936 (2001)
5. Nature Struct. Biol.; 9, p68-75 (2002)

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