



## Rabbit Anti-Phospho-Dab1 (Tyr198) antibody

SL11548R

|                               |   |
|-------------------------------|---|
| <b>Product Name:</b>          | Phospho-Dab1 (Tyr198)   |
| <b>Chinese Name:</b>          | 磷酸化磷Lipoprotein受体Dab1抗体   |
| <b>Alias:</b>                 | Dab1 (phospho Y198); Dab1 (Phospho-Tyr198) ; Dab 1; Dab1; Dab-1; DAB1_HUMAN; Disabled homolog 1; Disabled homolog 1 Drosophila; Scm; Scr; Scrambler; Yot; Yotari.   |
| <b>Organism Species:</b>      | Rabbit  |
| <b>Clonality:</b>             | Polyclonal  |
| <b>React Species:</b>         | Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,   |
| <b>Applications:</b>          | ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair)<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user.  |
| <b>Molecular weight:</b>      | 65kDa   |
| <b>Cellular localization:</b> | cytoplasmic   |
| <b>Form:</b>                  | Lyophilized or Liquid   |
| <b>Concentration:</b>         | 1mg/ml  |
| <b>immunogen:</b>             | KLH conjugated synthesised phosphopeptide derived from human Dab1 around the phosphorylation site of Tyr198:V(p-Y)QY  |
| <b>Lsotype:</b>               | IgG   |
| <b>Purification:</b>          | affinity purified by Protein A  |
| <b>Storage Buffer:</b>        | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.  |
| <b>Storage:</b>               | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| <b>PubMed:</b>                | <a href="#">PubMed</a>  |
| <b>Product Detail:</b>        | The laminar organization of multiple neuronal types in the cerebral cortex is required for normal cognitive function. In mice, the disabled-1 gene plays a central role in brain development, directing the migration of cortical neurons past previously formed neurons  |

to reach their proper layer. This gene is similar to disabled-1, and the protein encoded by this gene is thought to be a signal transducer that interacts with protein kinase pathways to regulate neuronal positioning in the developing brain. Alternatively spliced transcript variants of this gene have been reported, but their full length nature has not been determined. [provided by RefSeq, Jul 2008]

**Function:**

Adapter molecule functioning in neural development. May regulate SIAH1 activity.

**Subunit:**

Associates with the SH2 domains of SRC, FYN and ABL. Interacts with DAB2IP and SIAH1. Interacts with LRP1.

**Post-translational modifications:**

Phosphorylated on Tyr-198 and Tyr-220 upon reelin induction in embryonic neurons. Also phosphorylated on Ser-524 independently of reelin signaling.

**Similarity:**

Contains 1 PID domain.

**SWISS:**

O75553

**Gene ID:**

1600

**Database links:**

[Entrez Gene: 1600](#) Human

[Entrez Gene: 13131](#) Mouse

[Entrez Gene: 266729](#) Rat

[Entrez Gene: 374083](#) Chicken

[Omim: 603448](#) Human

[SwissProt: O75553](#) Human

[SwissProt: P97318](#) Mouse

[SwissProt: Q8CJH2](#) Rat

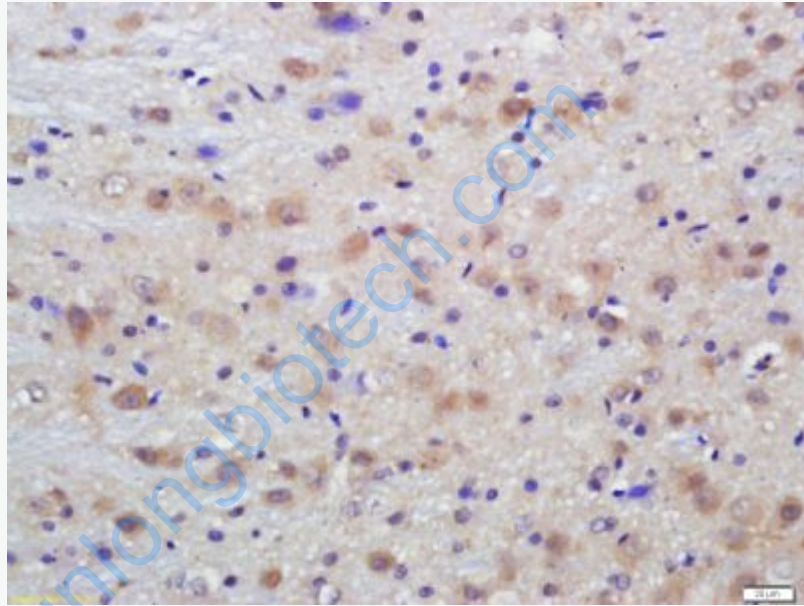
[Unigene: 477370](#) Human

[Unigene: 289682](#) Mouse

[Unigene: 206534](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



**Picture:**

Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;  
Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;  
Incubation: Anti-Phospho-Dab1 (Tyr198) Polyclonal Antibody, Unconjugated(SL11548R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining