bs-3115R **[Primary Antibody]**

phospho-Dab1 (Tyr232) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 1600 **SWISS:** O75553

Target: Dab1 (Tyr232)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human Dab1 around the phosphorylation site of Tyr232: GV(p-Y)DV.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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]

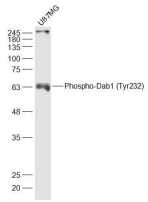
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat, Pig, Cow, Chicken, Dog, Horse)

Predicted MW.: 65 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Sample: U87MG(Human) Cell Lysate at 30 ug Primary: Anti-Phospho-Dab1 (Tyr232) (bs-3115R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 65 kD Observed band size: 65 kD

SELECTED CITATIONS

- **[IF=4.9]** Hee Ra Park. et al. Herbal Formula Extract Ameliorates Anxiety and Cognitive Impairment via Regulation of the Reelin/Dab-1 Pathway in a Murine Model of Post-Traumatic Stress Disorder. PHARMACEUTICS. 2024 Sep;16(9):1150 WB ;Mouse. 10.3390/pharmaceutics16091150