# Phospho-Dab1 (Tyr232) Ab

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| Cat.#: AF3029 | Concn.: 1mg/ml | Mol.Wt.: 60kDa |
| Size: 100ul,200ul | Source: Rabbit | Clonality: Polyclonal |

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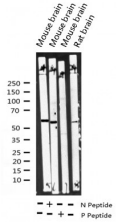
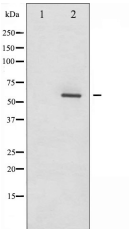
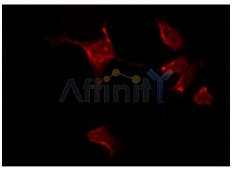
| Application: | WB 1:500-1:2000, IF/ICC 1:100-1:500 |
| Reactivity: | Human,Mouse,Rat |
| Purification: | The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns. |
| Specificity: | Phospho-Dab1 (Tyr232) Ab detects endogenous levels of Dab1 only when phosphorylated at Tyrosine 232. |
| Immunogen: | A synthesized peptide derived from human Dab1 around the phosphorylation site of Tyrosine 232. |
| Uniprot: | O75553 |
| Description: | DAB1 an adaptor molecule functioning in neural development. 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. |
| Tissue Specificity: | Mainly expressed in brain. |
| Similarity: | The PID domain specifically binds to the Asn-Pro-Xaa-Tyr(P) motif found in many tyrosine-phosphorylated proteins. |
| Storage Condition and Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt. |




Western blot analysis of Phospho-Dab1 (Tyr232) expression in various lysates




Western blot analysis of Dab1 phosphorylation expression in LOVO whole cell lysates,The lane on the left is treated with the antigen-specific peptide.



AF3029 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An  Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

*IMPORTANT:* For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.