

Rabbit Dab1 Polyclonal Antibody | anti-Dab1 antibody

Phospho-Dab1 (Tyr232) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321439	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

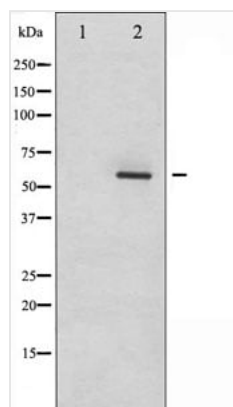
PRODUCT SYNONYMS

Dab1; Polyclonal Antibody; Phospho-Dab1 (Tyr232) Antibody; Dab 1; Dab reelin signal transducer 1; Dab; reelin signal transducer; homolog 1 (Drosophila); DAB1_HUMAN; Disabled homolog 1; Disabled homolog 1 Drosophila; Scm; Scr; Scrambler; Yot; Yotari; anti-Dab1 antibody

PRODUCT SPECIFICATIONS

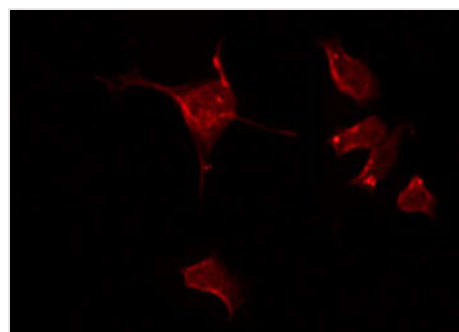
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-Dab1 (Tyr232) antibody detects endogenous levels of Dab1 only when phosphorylated at Tyrosine 232
Purity/Purification	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	555
Applicable Applications for anti-Dab1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Dab1 around the phosphorylation site of Tyr232.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



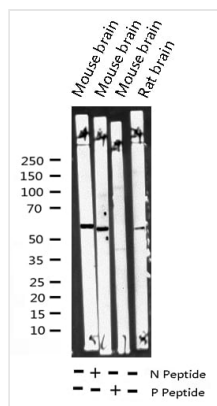
WB (Western Blot)

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



IF (Immunofluorescence)

AAA321439 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 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



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

ADDITIONAL INFORMATION

Related Product Information for anti-Dab1 antibody	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.
References	Liu TT, Li Y, Shu Y, Xiao B, Feng L; Journal: Int J Mol Med. Ephrin-b3 modulates hippocampal neurogenesis and the reelin signaling pathway in a pilocarpine-induced model of epilepsy.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33350928
NCBI GeneID	1600
NCBI Accession #	NP_066566.3
NCBI GenBank Nucleotide #	NM_021080.4
UniProt Accession #	O75553; Q4LE59; Q5T6M6; Q5T6M9; Q5T835; Q5T836; Q5T837; Q6NWS9; Q6NWT0; Q6NWT1; A4FU90; B3KTG3
Molecular Weight	60 kDa
NCBI Official Full Name	disabled homolog 1 isoform 1
NCBI Official Synonym Full Names	DAB1, reelin adaptor protein
NCBI Official Symbol	DAB1
NCBI Official Synonym Symbols	SCA37
NCBI Protein Information	disabled homolog 1
UniProt Protein Name	Disabled homolog 1
UniProt Gene Name	DAB1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.