

Dab1(Ab-232) Antibody

Catalog No: #21251

Package Size: #21251-1 50ul #21251-2 100ul

Description

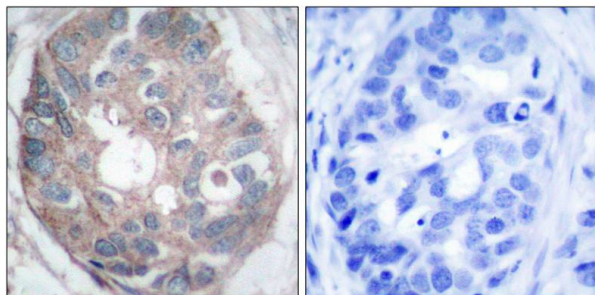
Product Name	Dab1(Ab-232) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total Dab1 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.230~234 (G-V-Y-D-V) derived from Human Dab1.
Conjugates	Unconjugated
Target Name	Dab1
Other Names	Disabled homolog 1
Accession No.	Swiss-Prot: O75553NCBI Protein: NP_066566.3
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 80kd

Immunohistochemistry: 1:50~1:100

Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Dab1(Ab-232) Antibody #21251(left) or the same antibody preincubated with blocking peptide(right).

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.

Kelian Chen, et.al. (2003) J. Cell Sci ; 117: 4527 - 4536.

Vera Strasser, et.al. (2004) Mol. Cell. Biol ; 24: 1378 - 1386.

Izhar Ben-Shlomo, et.al. (2003) Sci. STKE ; 2003: 9.

H. M. Kim, et.al. (2002) PNAS ; 99: 4020.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.