Product Name: DAB2 Rabbit Monoclonal Antibody
Catalog #: AMRe02965
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 82 kDa; Observed MW: 96 kDa

Antigen Information

Gene Name	DAB2
Alternative Names	DOC2; DOC-2
Gene ID	1601
SwissProt ID	P98082
Immunogen	A synthetic peptide of human DAB2

Background

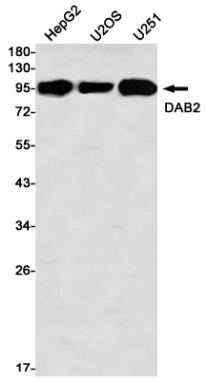
This gene encodes a mitogen-responsive phosphoprotein. It is expressed in normal ovarian epithelial cells, but is down-regulated or absent from ovarian carcinoma cell lines, suggesting its role as a tumor suppressor. This protein binds to the SH3

domains of GRB2, an adaptor protein that couples tyrosine kinase receptors to SOS (a guanine nucleotide exchange factor for Ras), via its C-terminal proline-rich sequences, and may thus modulate growth factor/Ras pathways by competing with SOS for binding to GRB2. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

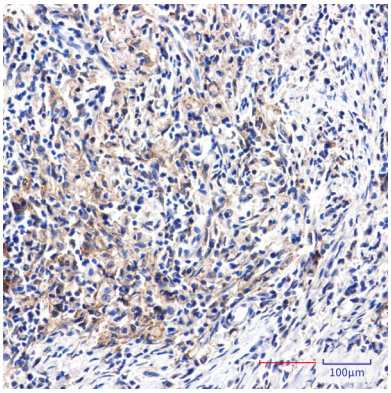
Research Area

Signal Transduction

Image Data



Western blot analysis of DAB2 in HepG2, U2OS, U251 lysates using DAB2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using DAB2 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.