

MAP2K5 Antibody

Catalog No: #35856

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

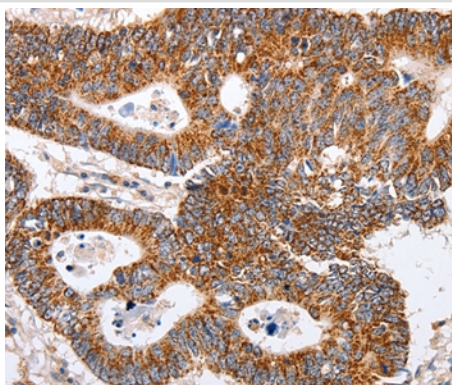
Description

Product Name	MAP2K5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MAP2K5 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human mitogen-activated protein kinase kinase 5
Target Name	MAP2K5
Other Names	MEK5; MAPKK5; PRKMK5; HsT17454
Accession No.	Swiss-Prot#: Q13163NCBI Gene ID: 5607Gene Accssion: BC008838
Uniprot	Q13163
GeneID	5607;
Concentration	1.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

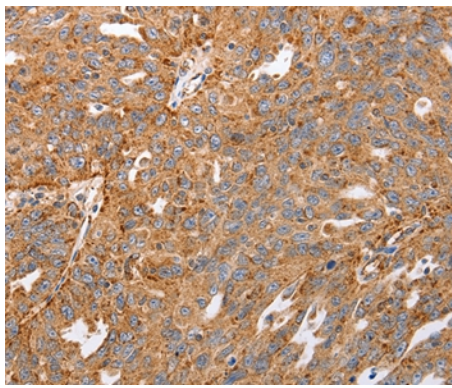
Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #35856 at dilution 1/40.



Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue using #35856 at dilution 1/40.

Background

The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically interacts with and activates MAPK7/ERK5. This kinase itself can be phosphorylated and activated by MAP3K3/MEKK3, as well as by atypical protein kinase C isoforms (aPKCs). The signal cascade mediated by this kinase is involved in growth factor stimulated cell proliferation and muscle cell differentiation. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been described.

Note: This product is for in vitro research use only