

ERK 1/2 Polyclonal Antibody

Catalog No: #40903



Package Size: #40903-1 50ul #40903-2 100ul

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

Description

Product Name	ERK 1/2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC ELISA
Species Reactivity	Hu Ms Rt
Specificity	ERK 1/2 Polyclonal Antibody detects endogenous levels of ERK 1/2 protein.
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from the C-terminal region of human ERK 1/2.
Target Name	ERK 1/2
Other Names	MAPK3; ERK1; PRKM3; Mitogen-activated protein kinase 3; MAP kinase 3; MAPK 3; ERT2; Extracellular signal-regulated kinase 1; ERK-1; Insulin-stimulated MAP2 kinase; MAP kinase isoform p44; p44-MAPK; Microtubule-associated protein 2 kinase; p
Accession No.	Swiss-Prot: P27361/P28482NCBI Gene ID: 5595
SDS-PAGE MW	42,44kd
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

Application Details

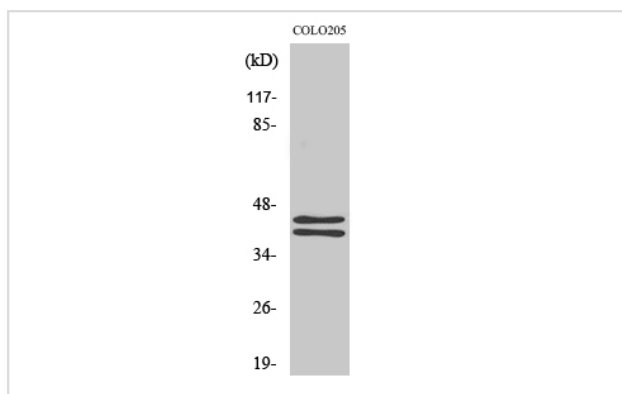
Western Blot: 1/500 - 1/2000.

Immunohistochemistry: 1/100 - 1/300.

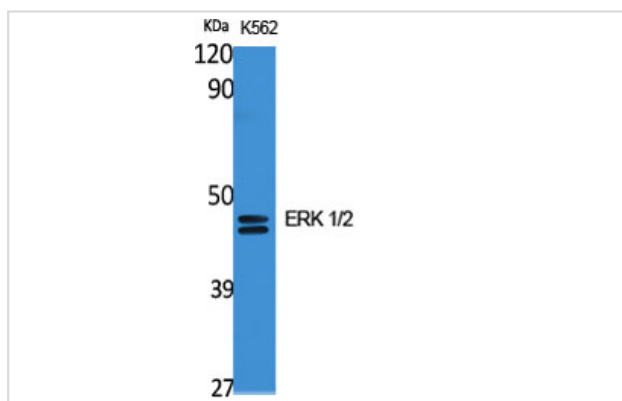
ELISA: 1/10000.

Not yet tested in other applications.

Images



Western Blot analysis of COLO205 cells using ERK 1/2 Polyclonal Antibody



Western Blot analysis of K562 cells using ERK 1/2 Polyclonal Antibody

Published Papers

el at., Neurokinin B Exerts Direct Effects on the Ovary to Stimulate Estradiol Production. In *Endocrinology*. On 2016 Sep by Qi X, Salem M et al.. PMID:27580802, , (2016)

[PMID:27580802](#)

el at., FSTL1 as a Potential Mediator of Exercise-Induced Cardioprotection in Post-Myocardial Infarction Rats. In *Sci Rep* on 2016 Aug 26 by Yue Xi, Da-Wei Gong et al.. PMID: 27561749, , (2016)

[PMID:27561749](#)

el at., Response of MAPK pathway to iron oxide nanoparticles in vitro treatment promotes osteogenic differentiation of hBMSCs. In *Biomaterials*. On 2016 Apr by Wang Q, Chen B et al.. PMID:26874888, , (2016)

[PMID:26874888](#)

el at., Bruceine D induces apoptosis in human chronic myeloid leukemia K562 cells via mitochondrial pathway. In *Am J Cancer Res* on 2016 Mar 15 by Jian-Ye Zhang, Min-Ting Lin et al.. PMID: 27186433, , (2016)

[PMID:27186433](#)

el at., Genipin derivatives protect RGC-5 from sodium nitroprusside-induced nitrosative stress. In *Int J Mol Sci* on 2016 Jan 19 by Rikang Wang, Jiaqiang Zhao, et al.. PMID:26797604, , (2016)

[PMID:26797604](#)

el at., CPU-12, a novel synthesized oxazolo [5, 4-d] pyrimidine derivative, showed superior anti-angiogenic activity. In *J Pharmacol Sci* on 2015 Sep by Jiping Liu, Ya-Hui Deng et al.. PMID: 26154846, , (2015)

[PMID:26154846](#)

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