

Datasheet for ABIN264920 **anti-ERK1/2 antibody**

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Overview

Quantity:	0.25 mg
Target:	ERK1/2 (MAPK1/3)
Reactivity:	Mouse, Rat
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This ERK1/2 antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Isotype:	IgG
Purification:	Purified

Target Details

Target:	ERK1/2 (MAPK1/3)
Alternative Name:	ERK1 / ERK2 (MAPK1/3 Products)
Background:	ERK p42/44 kinase detects native ERK p42/44 kinase by immunoprecipitation in rat and human (HeLa) cells. ERK p42/44 kinase is induced by mitogenic stimuli such as growth factors which function by stimulating the phosphorylation and activation of ERK p42/44 kinase resulting in new gene expression. Synonyms: ERK-1/ERK-2, Extracellular signal regulated kinase 1/2, Insulin stimulated MAP2 kinase, MAPK1/MAPK2, Microtubule associated protein 2 kinase, Mitogen activated protein kinase 1/2/3, P42/P44-MAPK

Application Details

Application Notes:	Immunoprecipitation: 1 - 10 µg/mL, of the catalytically active form of ERK p42/44 kinase. Invitro kinase assay. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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Restrictions:	For Research Use only
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Handling

Buffer:	Phosphate buffered saline with 0.08 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C