German Research Products - GRP GmbH

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Product Datasheet

PERK Polyclonal Antibody GRP478

Description Phosphorylates the alpha subunit of eukaryotic

translation-initiation factor 2 (EIF2), leading to its inactivation and thus to a rapid reduction of translational initiation and repression

of global protein synthesis. Serves as a critical effector of

unfolded protein response (UPR)-induced G1 growth arrest due to the loss of cyclin-D1 (CCND1). Involved in control of mitochondrial

morphology and function (By similarity).

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications FC, IHC-P, WB

Immunogen KLH conjugated synthetic peptide derived from human PER

(public_immunogen_range: 1080-1116/1116)

Form/Appearance Aqueous buffered solution containing 1% BSA, 50% glycerol and

0.09% sodium azide.

Concentration 1ug/ul

Storage Store at -20°C for 12 months.

Note For research use only.

Isotype IgG

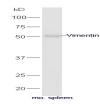
Clonality Polyclonal

Purity Purified by Protein A.

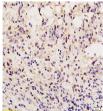
Uniprot ID Q9NZJ5

Entrez 9451

Dilution Range WB: 1:300-1000, FC: 1:20-100, IHC-P: 1:200-400



WB of GRP478



IHC-P of GRP478