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Product Datasheet

mPGES-1 glutathione dependent prostaglandin E synthase protein - positive control

GRP12185

Tested Applications	WB
Form/Appearance	Liquid
Storage	Store protein standard at -20°C; Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
Note	For research use only.
MW	16-17 kDa
Dilution Range	Positive control: 5 µl load per well is optimal for most chemiluminescent detection systems.Preabsorption: 6-12 ug of protein/100ul diluted anti-mPGES-1 serum (1:5000)
Application Notes	Additional Information: Concentration: 0.42 µg/µl.Western blot: recommended load per gel to allow Coomasie staining and western blot detection is 5 µlImmunolocalization: 6-12 ug of protein/100 µl diluted anti-mPGES-1 serum (1:5000) was used for preabsorption of mPGES-1 antibodies followed by immunolocalization. Protein is provided in 10 mM NaPI, pH 8, 150 mM KCl, 0.1 mM EDTA, 1mM GSH, 10 % glycerol, 0,1 % reduced Triton X-100. It has been produced in E.coli.If intended to be used in Western blot, loading buffer should be added and the solution should be heated up in 98°C for 5 minutes before loading on the gel. Background: mPGES-1 is an inducible glutathione dependent prostaglandin E synthase that converts cyclooxygenase derived PGH2 into PGE2.