

Product Datasheet

GlnA - Glutamine synthetase GRP12176

Species/Host	Chicken
Reactivity	Bacteria
Predicted Reactivity	Alpha, beta, gamma proteobacteria, Arthropsira sp. PCC 8005, Crenarchaeotes, Enterobacteria, Euryarchaeotes, Thermotogales Species of your interest not listed? Contact us
Tested Applications	WB
Immunogen	KLH-conjugated synthetic peptide derived from available bacterial GlnA sequences with perfect conservation in alpha, beta, gamma Proteobacteria, Enterobacteria, Thermotogales, Low GC Gram+, Cyanobacteria (except weak conservation with <i>Trichodesmium thiebautii</i>) including <i>Synechocystis</i> PCC 6803 Q59981
Form/Appearance	Liquid in PBS pH 8.0, 0.02% sodium azide
Storage	Store at 4°C; make aliquots to avoid working with a stock. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from liquid material adhering to the cap or sides of the tubes.
Note	For research use only.
Clonality	Polyclonal
Purity	Total IgY
MW	53 kDa
Uniprot ID	P77961 , Q59981
Dilution Range	1 : 5000 (WB)
Application Notes	Additional Information: Peptide target used to elicit this antibody has a weak, sporadic conservation with Glutamine Synthetase to III, antibody not expected to detect this enzyme. Weak conservation with some Glutaminyl-tRNA synthetase (Glutamine--tRNA ligase) (GLNRS), but this antibody is not expected to detect this enzyme. Background: Glutamine synthetase (EC=6.3.1.2) is the key enzyme in the incorporation of mineral nitrogen into glutamine. Activity of this enzyme is controlled by adenylarion under conditions of abundant glutamine.

