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Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS05 056

Anti-ExoS | Exoenzyme S

Product information

Immunogen	Amino acids 366 to 453 of PA3841 of ADP-rbosylating enzyme - Exoenzyme S overexpressed in a GST fusion. Afterwards cleaved with a help of trombin and separated on a polyacrylamide gel. Gel piece has been used for immunizations.
Host	Chicken
Clonality	Polyclonal
Purity	Purified, total IgY (chicken egg yolk immunoglobulin) in PBS pH 8. Contains 0.02 % sodium azide.
Format	Liquid
Quantity	100 µl
Storage	Store at 4°C; make aliquots to avoid working with a stock. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application information

Recommended dilution	1 : 5000 (WB)
Expected | apparent MW	48 kDa
Confirmed reactivity	*Pseudomonas aeruginosa*
Predicted reactivity	*Pseudomonas aeruginosa*
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	Feng et al. (2019: Tanshinones: First-in-Class Inhibitors of the Biogenesis of the Type 3 Secretion System Needle of Pseudomonas aeruginosa for Antibiotic Therapy. ACS Cent. Sci.2019. Anantharajah et al. (2017). Salicylidene acylhydrazides and hydroxyquinolines act as inhibitors of type three secretion systems in Pseudomonas aeruginosa by distinct mechanisms. Antimicrob Agents Chemother. 2017 Apr 10. pii: AAC.02566-16. doi: 10.1128/AAC.02566-16. Anantharajah et al. (2016). Inhibition of the Injectisome and Flagellar Type III Secretion Systems by INP1855 Impairs Pseudomonas aeruginosa Pathogenicity and Inflammasome Activation. J Infect Dis. 2016 Jul 13. pii: jiw295.