



Product Data Sheet

001 Rev2 Mar 2020 by JR

Catalogue No. AB0316-100

Qty: 300 µg (3 mg/ml)

rpoD Polyclonal Antibody

Source: Goat

General description: Goat polyclonal antibody to RNA polymerase sigma factor rpoD. Sigma factors are initiation factors that promote the attachment of RNA polymerase to specific initiation. rpoD is the primary sigma factor during exponential growth. Preferentially transcribes genes associated with fast growth, such as ribosomal operons, other protein-synthesis related genes, rRNA- and tRNA-encoding genes and prfB.

Alternative names: alt, ECK3057 antibody.

Form: Polyclonal antibody supplied as a 100 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Recombinant peptide derived from within residues 330 aa to the C-terminus of rpoD (*Escherichia*) produced in *E. coli*.

Specificity: Detects endogenous levels of rpoD by Western blot.

Reactivity: Reacts against *Escherichia*, *Pseudomonas* and *Burkholderia* proteins.

Sample	Western blot	Immuno-fluorescence	Histochemistry (paraffin)	Histochemistry (frozen)
<i>Escherichia</i>	++	ND	ND	ND
<i>Pseudomonas</i>	+++	ND	ND	ND
<i>Burkholderia</i>	++	ND	ND	ND

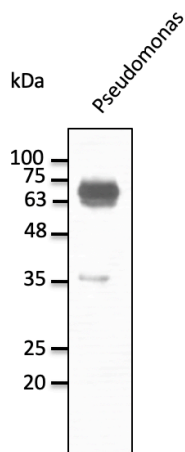
+++ excellent, ++ good, + poor, ND not determined

Usage: Western blot 1:500-1:2,000
Immunofluorescence ND
Immunohistochemistry (paraffin) ND
Immunohistochemistry (frozen) ND

Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

Special instructions: Avoid freeze/thaw cycles.

References:



Anti-rpoD Ab at 1/1,000 dilution; lysates at 50 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.