

Rabbit Beta-lactamase TEM Polyclonal Antibody | anti-TEM antibody

Rabbit anti-Escherichia coli Beta-lactamase TEM polyclonal Antibody, Biotin conjugated

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118951	Rabbit	Escherichia coli	ELISA

PRODUCT SYNONYMS

Beta-lactamase TEM; Polyclonal Antibody; Rabbit anti-Escherichia coli Beta-lactamase TEM polyclonal Antibody; Biotin conjugated; IRT-4; Penicillinase; TEM-1; TEM-16/CAZ-7; TEM-2; TEM-24/CAZ-6; TEM-3; TEM-4; TEM-5; TEM-6; TEM-8/CAZ-2; bla; blaT-3; blaT-4; blaT-5; blaT-6; anti-TEM antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Escherichia coli
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purity: > 95% Purification: Protein G purified
Form/Format	Liquid
Sequence Length	286
Applicable Applications for anti-TEM antibody	ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Biotin
Immunogen	Recombinant Escherichia coli Beta-lactamase TEM protein(24-286aa)
Research Area	Other
Preparation and Storage	Upon receipt, store at -20°C or - 80°C. Avoid repeated freeze.

ADDITIONAL INFORMATION

Related Product Information for anti-TEM antibody	TEM-type are the most prevalent beta-lactamases in enterobacteria; they hydrolyze the beta-lactam bond in susceptible beta-lactam antibiotics, thus conferring resistance to penicillins and cephalosporins. TEM-3 and TEM-4 are capable of hydrolyzing cefotaxime and ceftazidime. TEM-5 is capable of hydrolyzing ceftazidime. TEM-6 is capable of hydrolyzing ceftazidime and aztreonam. TEM-8/CAZ-2, TEM-16/CAZ-7 and TEM-24/CAZ-6 are markedly active against ceftazidime. IRT-4 shows resistance to beta-lactamase inhibitors.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38638187
NCBI GeneID	3722457
NCBI Accession #	NP_943295.1
NCBI GenBank Nucleotide #	NC_005248.1

UniProt Accession #	P62593; P00810; Q47313
NCBI Official Full Name	beta-lactamase (plasmid)
NCBI Official Symbol	pIGAL1_03
NCBI Protein Information	beta-lactamase
UniProt Protein Name	Beta-lactamase TEM
UniProt Gene Name	bla
UniProt Entry Name	BLAT_ECOLX

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/beta-lactamase-tem-antibody-elisa/118951>