

Product Datasheet

KDEL Antibody NB300-634

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NB300-634

KDEL Antibody

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Purity	Immunogen affinity purified
Buffer	No buffer
Product Description	
Host	Rabbit
Gene ID	79070
Gene Symbol	POGLUT2
Species	Mouse, Rat, Human (Negative), Primate (Negative)
Reactivity Notes	Cross-reacts with Mouse and Rat. Does not cross-react with Human or African Green Monkey (COS cells). Not yet tested in other species.
Marker	Endoplasmic Reticulum Marker
Specificity/Sensitivity	KDEL
Immunogen	Synthetic peptide: C T(643)GEEDTSEKDEL(654). Immunizing peptide corresponds to amino acid residues 643-654 from rat GRP 78.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:200, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Western blot: use at concentration of 2 ug/ml. Immunofluorescence: assay dependent. Immunoprecipitation: assay dependent. Optimal dilutions / concentrations should be determined by the end user. By Western blot, this antibody detects a 57 kDa protein representing protein disulfide isomerase (PDI), a 78 kDa protein representing glucose regulated protein 70 kDa (GRP 78) and an ~94 kDa protein representing GRP 94 in mouse myeloma cells. Immunofluorescence staining of GRP 78 in mouse myeloma cells results in diffuse cytoplasmic staining consistent with specific ER localization. This antibody immunoprecipitates PDI (GRP 78), an ~72 kDa protein which may be endoplasmic reticulum protein 72 kDa (ERp72), and an ~94 kDa protein representing GRP 94 from numerous rodent tissues.



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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