10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

KDEL Receptor 3 Polyclonal Antibody
Catalog # AP70646

Specification

KDEL Receptor 3 Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	O43731
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**

KDEL Receptor 3 Polyclonal Antibody - Additional Information

Gene ID 11015

Other Names
KDELR3; ER lumen protein retaining receptor 3; KDEL endoplasmic reticulum protein retention receptor 3; KDEL receptor 3

Dilution
WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

KDEL Receptor 3 Polyclonal Antibody - Protein Information

Name KDELR3

Synonyms ERD23 {ECO:0000303|PubMed:18086916}

Function
Receptor for the C-terminal sequence motif K-D-E-L that is present on endoplasmic reticulum resident proteins and that mediates their recycling from the Golgi back to the endoplasmic reticulum.

Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q5ZKX9}. Golgi apparatus membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q5ZKX9}. Cytoplasmic vesicle, COPI-coated vesicle membrane; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q5ZKX9}. Note=Localized in the Golgi in the absence of bound proteins with the sequence motif K-D-E-L Trafficks back to the endoplasmic reticulum together with cargo proteins containing the sequence motif K-D-E-L

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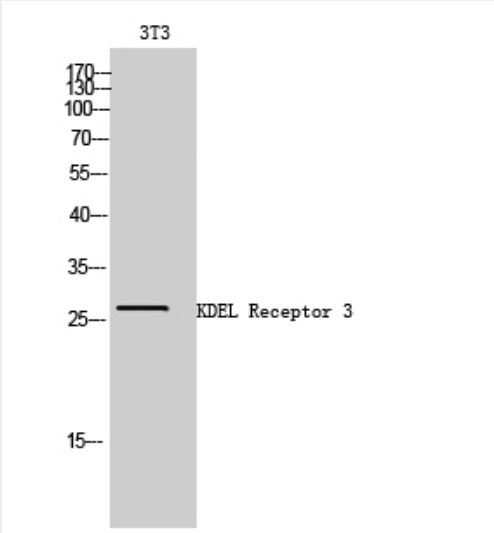
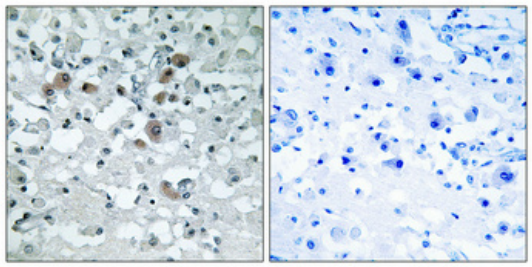
KDEL Receptor 3 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KDEL Receptor 3 Polyclonal Antibody - Images





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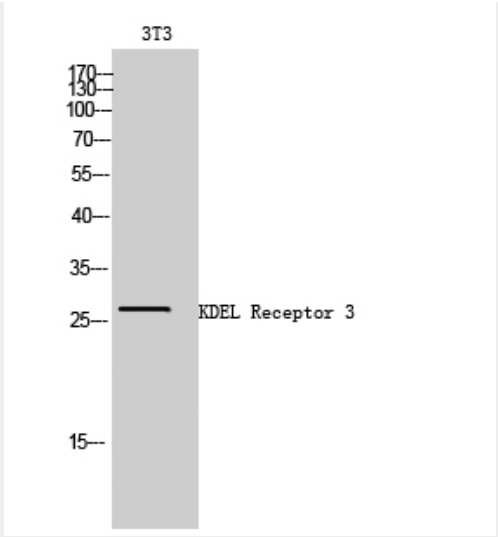

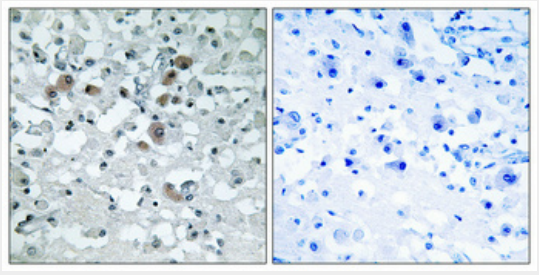

KDEL Receptor 3 Polyclonal Antibody - Background

Required for the retention of luminal endoplasmic reticulum proteins. Determines the specificity of the luminal ER protein retention system. Also required for normal vesicular traffic through the Golgi. This receptor recognizes K-D-E-L (By similarity).