Datasheet for ABIN630220

anti-GEM antibody (C-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	GEM
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GEM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	GEM antibody was raised using the C terminal of GEM corresponding to a region with amino acids FSSLPLGREAVEAAVKEAGYTIEWFEVISQSYSSTMANNEGLFSLVARKL
Specificity:	GEM antibody was raised against the C terminal of GEM
Purification:	Purified

Target Details

Target:	GEM
Alternative Name:	GEM (GEM Products)
Background:	GEM belongs to the RAD/GEM family of GTP-binding proteins. It is associated with the inner face of the plasma membrane and could play a role as a regulatory protein in receptor-mediated signal transduction.

Target Details

Molecular Weight:	33 kDa (MW of target protein)

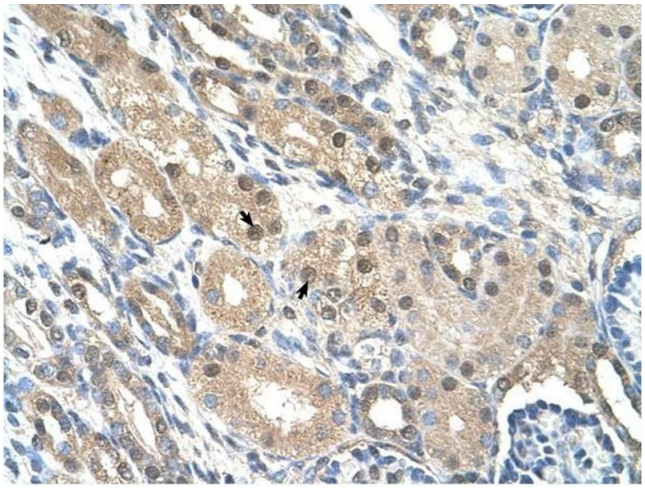
Application Details

Application Notes:	WB: 2.5 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	GEM Blocking Peptide, catalog no. 33R-3073, is also available for use as a blocking control in assays to test for specificity of this GEM antibody
Restrictions:	For Research Use only

Handling

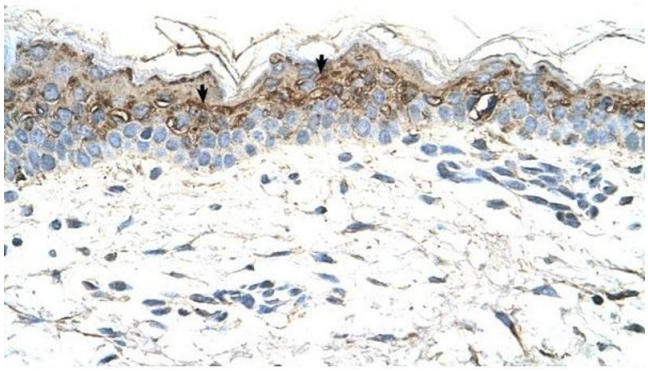
Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of GEM antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



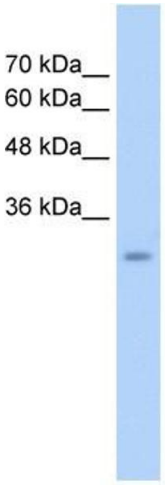
Immunohistochemistry

Image 1. GEM antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X



Immunohistochemistry

Image 2. GEM antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Squamous epithelial cells (arrows) in Human Skin. Magnification is at 400X.



Western Blotting

Image 3. GEM antibody used at 2.5 ug/ml to detect target protein.

