

Product Datasheet

GCKR Antibody (OT11E7)

NBP2-03396

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-03396

GCKR Antibody (OT11E7)

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OT11E7
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	68.5 kDa

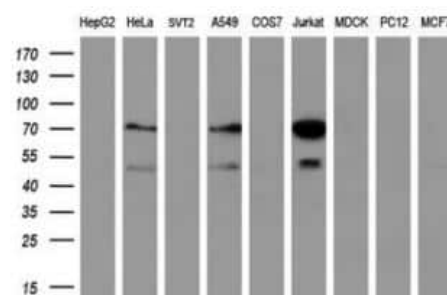
Product Description	
Description	Novus Biologicals Mouse GCKR Antibody (OT11E7) (NBP2-03396) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-GCKR Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2646
Gene Symbol	GCKR
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human GCKR (NP_001417) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

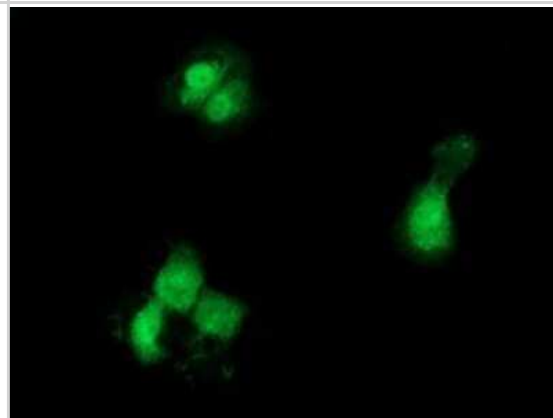


Images

Western Blot: GCKR Antibody (1E7) [NBP2-03396] - Analysis of extracts (35 ug) from 9 different cell lines by using anti-GCKR monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).(1:200)



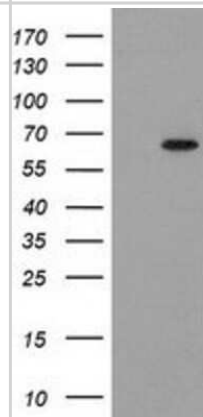
Immunocytochemistry/Immunofluorescence: GCKR Antibody (1E7) [NBP2-03396] Staining of COS7 cells transiently transfected by pCMV6-ENTRY GCKR.



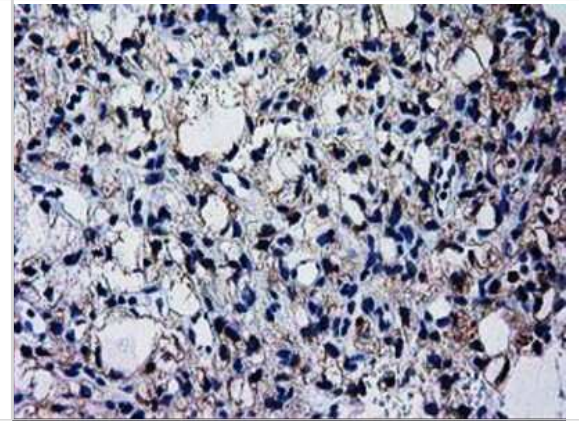
Immunohistochemistry-Paraffin: GCKR Antibody (1E7) [NBP2-03396] - Staining of paraffin-embedded Human Kidney tissue using anti-GCKR mouse monoclonal antibody.



Western Blot: GCKR Antibody (1E7) [NBP2-03396] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GCKR (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GCKR.



Immunohistochemistry-Paraffin: GCKR Antibody (1E7) [NBP2-03396] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-GCKR mouse monoclonal antibody.



Publications

Pasula MB, Napit PR, Alhamyani A et al. Sex Dimorphic Glucose Transporter-2 Regulation of Hypothalamic Astrocyte Glucose and Energy Sensor Expression and Glycogen Metabolism Neurochemical research 2022-09-29 [PMID: 36173588]



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Products Related to NBP2-03396

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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