

Product Datasheet

KOR Antibody NBP1-68860

Unit Size: 0.1 mg

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

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NBP1-68860

KOR Antibody

Product Information

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	43 kDa

Product Description

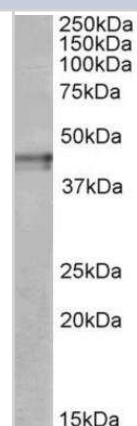
Host	Goat
Gene ID	4986
Gene Symbol	OPRK1
Species	Human
Immunogen	Peptide with sequence C-PAYLRDIDGMNKP corresponding to C-Terminus according to NP_000903.2.

Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunocytochemistry/ Immunofluorescence, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 45 kDa band observed in human brain (cerebral cortex) lysates (calculated MW of 42.6 kDa band according to NP_000903.2). Use in ICC/IF reported in scientific literature (PMID 27523794).

Images

Western Blot: KOR Antibody [NBP1-68860] - NBP1-68860 (1ug/ml) staining of Human Cerebral Cortex lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Liu H, Tian Y, Ji B et al. Heterodimerization of the kappa opioid receptor and neurotensin receptor 1 contributes to a novel beta-arrestin-2-biased pathway. *Biochim. Biophys. Acta.* 2016-08-12 [PMID: 27523794] (ICC/IF, Human)

Li JG, Chen C, Liu-Chen LY. N-Glycosylation of the human kappa opioid receptor enhances its stability but slows its trafficking along the biosynthesis pathway. *Biochemistry* 2007-09-25 [PMID: 17711303]





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Products Related to NBP1-68860

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-68859PEP	KOR Recombinant Protein Antigen

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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