NEUROMICS

Kappa Opioid Receptor   Data Sheet

Catalog Number:	RA10103T	**Host:**	Rabbit
Product Type:	Polyclonal antiserum	**Species Reactivity:**	Human
Immunogen Sequence:	DPAYLRDIDGMNKPV	**Format:**	Whole Serum (with 0.05% sodium azide) Sent in liquid form
	Corresponding to residues 366-380 of the carboxy-terminus of human kappa opioid		

Applications: Immunocytochemistry 1:5 – 10,000

Dilutions listed only as a recommendation. Optimal dilution should be determined by investigator.

Storage: Store frozen. Aliquot as undiluted serum and immediately place at -20ºC. Serum may have become trapped in top of vial during shipping. Centrifugation of vial is recommended before opening. Stable for at least 6 months at -20ºC. Repeated freeze/thaw cycles compromise the integrity of the antiserum.

References: Mansson, E., Bare, L., and Yang, D. (1994). *Isolation of a human kappa opioid receptor cDNA from placenta.* Biochem Biophys Res Commun *202,* 1431-7.

Application Notes

Immunocytochemistry: Kappa opioid receptor transfected cells were processed for indirect immunofluorescence. Media was removed and cells were gently washed 3 times with serum-free media. Media was removed and cells were gently washed 3 times with serum-free media. Following fixation procedure, cells were processed for indirect immunofluorescence as described above.
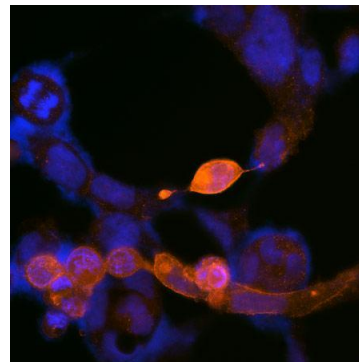

Image: HEK293 transiently transfected with KOR. Specific signal is red, nuclei - stained with DAPI (blue).

Note: Sodium azide (NaN$_3$) interferes with peroxidase reactions and should not be used with peroxidase methodologies. If sodium azide is present in any steps of the staining procedure, the tissue should thoroughly be rinsed with sodium azide-free buffer before performing the peroxidase reaction.

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