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## anti-HTR7 antibody (C-Term)



Image



#### Overview

Quantity:	100 μg
Target:	HTR7
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This HTR7 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

#### **Product Details**

Purpose:	HTR7 / 5-HT7
Immunogen:	Peptide with sequence QNADYCRKKGHDS, from the C Terminus of the protein sequence according to NP_000863.1.
Sequence:	QNADYCRKKG HDS
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform a (NP_000863.1) only.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

### **Target Details**

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Target:	HTR7
Alternative Name:	HTR7 (HTR7 Products)
Background:	HTR7, 5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled), 5-HT7, 5-
	hydroxytryptamine receptor 7, OTTHUMP0000020077, OTTHUMP00000020078,
	OTTHUMP0000020079, serotonin 5-HT-7 receptor
Gene ID:	3363
NCBI Accession:	NP_000863
Pathways:	JAK-STAT Signaling
Application Details	
Application Notes:	Western Blot: Approx 50 kDa band observed in lysates of cell line KELLY (calculated MW of
	49.5 kDa according to NP_000863.1). Recommended concentration: 1-3 μg/mL. An additional
	band of unknown identity was also consistently observed at 37 kDa. This band was
	Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum
	albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerate

at 4°C for a few weeks and still remain viable.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

#### **Western Blotting**

**Image 1.** ABIN570980 (1 $\mu$ g/ml) staining of KELLY lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.