



Datasheet for ABIN537341
anti-HTR7 antibody (AA 13-28)



[Go to Product page](#)

1 Image

3 Publications

Overview

Quantity:	100 µg
Target:	HTR7
Binding Specificity:	AA 13-28
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HTR7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of Htr7.
Immunogen:	A mixture of synthetic peptides corresponding to amino acids 13-28 of the rat Htr7.
Cross-Reactivity:	Dog, Human, Mouse, Rat

Target Details

Target:	HTR7
Alternative Name:	Serotonin Receptor 7 (HTR7) (HTR7 Products)
Gene ID:	65032
Pathways:	JAK-STAT Signaling

Application Details

Application Notes: The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS (0.05 % BSA, 0.05 % sodium azide)

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

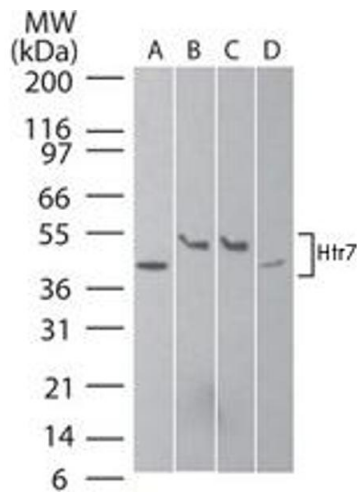
Storage Comment: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: León-Ponte, Ahern, OConnell: "Serotonin provides an accessory signal to enhance T-cell activation by signaling through the 5-HT7 receptor." in: **Blood**, Vol. 109, Issue 8, pp. 3139-46, (2007) ([PubMed](#)).

Mahé, Loetscher, Dev, Bobirnac, Otten, Schoeffter: "Serotonin 5-HT7 receptors coupled to induction of interleukin-6 in human microglial MC-3 cells." in: **Neuropharmacology**, Vol. 49, Issue 1, pp. 40-7, (2005) ([PubMed](#)).

Mahé, Bernhard, Bobirnac, Keser, Loetscher, Feuerbach, Dev, Schoeffter: "Functional expression of the serotonin 5-HT7 receptor in human glioblastoma cell lines." in: **British journal of pharmacology**, Vol. 143, Issue 3, pp. 404-10, (2004) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of Htr7 in A) human brain, B) mouse brain, C) rat brain, and D) human SK-N-SH neuroblastoma cell lysate using Htr7 polyclonal antibody at 2 ug/mL .