Datasheet for ABIN954737

anti-HTR3E antibody (Middle Region)

Go to Product page

2 Images

Overview

Quantity:	0.4 mL
Target:	HTR3E
Binding Specificity:	AA 133-162, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HTR3E antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 133-162 amino acids from the Central region of human 5HT3E.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to Serotonin receptor 3E.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	HTR3E
Abstract:	HTR3E Products

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Target Details

Background:	The product of this gene belongs to the ligand-gated ion channel receptor superfamily. HTR3E encodes a subunit E of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. Genes encoding subunits C, D and E form a cluster on chromosome 3. An alternative splice variant has been described but its full length sequence has not been determined.Synonyms: 5-HT3E, 5-hydroxytryptamine receptor 3E
Gene ID:	285242
NCBI Accession:	NP_872395

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
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:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

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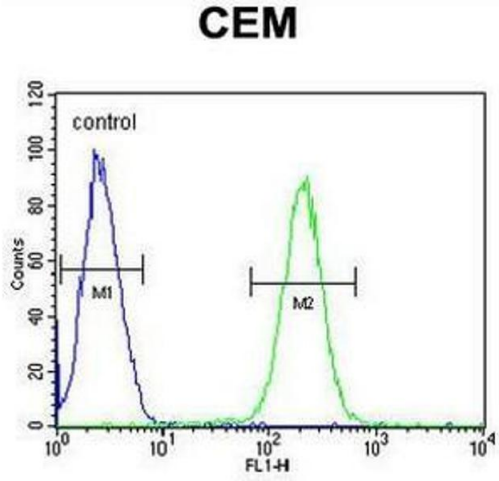
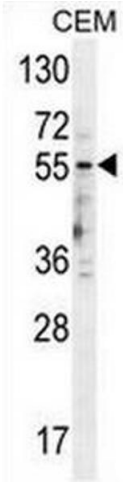


Flow Cytometry

Image 1. 5HT3E Antibody (Center) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis



Western Blotting

Image 2. 5HT3E Antibody