

## ELISA Kit FOR Beta-2 adrenergic receptor

### Description

<b>Gene name:</b>	Adrb2(Adrb2r);
<b>Protein name:</b>	Beta-2 adrenergic receptor;
<b>Alternative:</b>	Beta-2 adrenoreceptor(Beta-2 adrenoceptor);
<b>Organism:</b>	Rat (Rattus norvegicus).

### General Annotation

<b>Sub Unit:</b>	Binds SLC9A3R1 and GPRASP1. Interacts with ARRB1 and ARRB2. Interacts with SRC, USP20 and USP33.
<b>Function:</b>	Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. The beta-2-adrenergic receptor binds epinephrine with an approximately 30-fold greater affinity than it does norepinephrine.
<b>Subcellular Location:</b>	Cell membrane Multi-pass membrane protein

### Protein Attributes:

<b>Sequence length:</b>	418
<b>Sequence:</b>	
<b>50:</b>	MEPHGNDSDF   LLAPNGSRAP   GHDTQERDE   A W VVGMAILM   SVIVLAIVFG
<b>100:</b>	NVLVITAIK   FERLQVTNY   FITSLACADL   VMGLAVVPPG   ASHILMKMWN
<b>150:</b>	FGNFWCEFWT   SIDVLCVTAS   IETLCVIAVD   RYVAITSPFK   YQSLLTKNKA
<b>200:</b>	RVVILMVWIV   SGLTSFLPIQ   MHWYRATHKQ   AIDCYAKETC   CDFFTNQAYA
<b>250:</b>	IASSIVSFYV   PLVVMVFVYS   RVFQVAKRQL   QKIDKSEGRF   HAQNLSQVEQ
<b>300:</b>	DGRSGHGLRS   SSKFCLKCHK   ALKTLGIIMG   TFTLCWLPPF   IVNIVHVIRA
<b>350:</b>	NLIPKEVYIL   LNWLGYVNSA   FNPLIYCRSP   DFRIAFQELL   CLRRSSSKTY
<b>400:</b>	NGYSSNSNG   RTDYTGQSA   YQLGQEKENE   LLCEEAPGME   GFVNCQGTVP
<b>418:</b>	SLSIDSQGRN   CNTNDSPL
<b>3D Structure:</b>	N/A

### Related Databases

<b>UniGene:</b>	Rn.10206
<b>String:</b>	P10608
<b>SMR:</b>	P10608

<b>Pfam:</b>	PF00001
<b>Uniprot:</b>	P10608

## References

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