

ARG64794 anti-GABAA Receptor beta 3 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes GABAA Receptor beta 3
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog
Tested Application	IHC-P
Specificity	This antibody is expected to recognize both reported isoforms (NP_000805.1, NP_068712.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	GABAA Receptor beta 3
Species	Human
Immunogen	C-EKTAKAKNDRSK
Conjugation	Un-conjugated
Alternate Names	Gamma-aminobutyric acid receptor subunit beta-3; A; ECA5; GABA

Application Instructions

Application table	Application	Dilution
	IHC-P	2 - 4 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 2562 Human](#)

[Swiss-port # P28472 Human](#)

Background

This gene encodes a member of the ligand-gated ionic channel family. The encoded protein is one of at least 13 distinct subunits of a multisubunit chloride channel that serves as the receptor for gamma-aminobutyric acid, the major inhibitory transmitter of the nervous system. This gene is located on the long arm of chromosome 15 in a cluster with two genes encoding related subunits of the family. Mutations in this gene may be associated with the pathogenesis of Angelman syndrome, Prader-Willi syndrome, and autism. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2010]

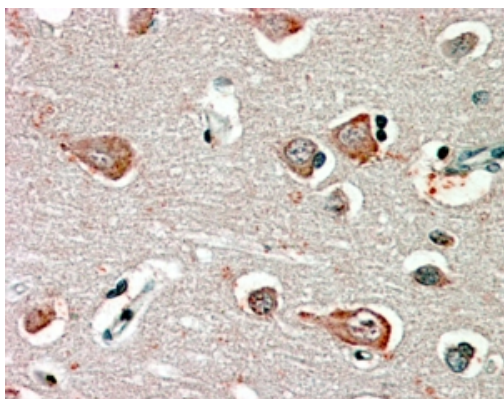
Research Area

Neuroscience antibody

Calculated Mw

54 kDa

Images



ARG64794 anti-GABAA Receptor beta 3 antibody IHC-P image

Immunohistochemistry: Paraffin embedded Human Cortex. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64794 anti-GABAA Receptor beta 3 antibody at 2.5 µg/ml dilution followed by AP-staining.