

GABRB3 FISH Probe

Catalog # FA0343 Size 200 uL

Specification

Product Description	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology).
Origin	Human
Source	Genomic DNA
Reactivity	Human
Notice	We strongly recommend the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
Regulation Status	For research use only (RUO)
Supplied Product	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction	Store at 4°C in the dark.

Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

Gene Info — GABRB3

Entrez GeneID	2562
Gene Name	GABRB3
Gene Alias	ECA5, MGC9051
Gene Description	gamma-aminobutyric acid (GABA) A receptor, beta 3

Omim ID [137192](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 isoforms with distinct signal peptides have been described. [provided by RefSeq]

Other Designations

GABA(A) receptor beta-3 subunit|GABA-A receptor beta-3 subunit|GABA-alpha receptor beta-2 subunit|GABAA receptor beta-3 subunit

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Anxiety Disorders](#)
- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Combat Disorders](#)
- [Depressive Disorder](#)
- [Disease Models](#)

- [Dystonic Disorders](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Hallucinations](#)
- [Liver Cirrhosis](#)
- [Mental Disorders](#)
- [Mental Retardation](#)
- [Mood Disorders](#)
- [NARP](#)
- [Personality Inventory](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Sleep Initiation and Maintenance Disorders](#)
- [Social Perception](#)
- [Substance-Related Disorders](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)