

Anti-GABRA5 Antibody (6R526)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6R526
Purification:	Affinity-chromatography

Applications

Verified Activity:	1. Western Blot -Positive WB detected in: Ntera-2 whole cell lysate, HEK293 whole cell lysate -All lanes: GABA A Receptor alpha 5 antibody at 1:1000 -Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution -Predicted band size: 53 kDa -Observed band size: 70 kDa
	2. IHC image of TMAH-00471 diluted at 1:100 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.
Application:	ELISA, WB, IHC
Recommended	WB:1:500-1:5000; IHC:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human GABA A Receptor alpha 5
Antigen Species:	Human
Gene ID:	2558
Uniprot ID:	P31644
Synonyms:	Gamma-aminobutyric acid receptor subunit alpha-5;GABA(A) receptor subunit alpha-5;GABRA5
Biology Area:	Neuroscience

Research Background

Ligand-gated chloride channel subunit which is a component of the heteropentameric receptor for GABA, the major inhibitory neurotransmitter in the brain. May be involved in GABA-A receptor assembly, and GABA-A receptor immobilization and accumulation by gephyrin at the synapse.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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