

## Datasheet

### CHRNA2 polyclonal antibody

**Catalog Number:** PAB18684

**Regulation Status:** For research use only (RUO)

**Product Description:** Goat polyclonal antibody raised against synthetic peptide of CHRNA2.

**Immunogen:** A synthetic peptide corresponding to amino acids at internal region of human CHRNA2.

**Sequence:** QPRHHCARQLR

**Host:** Goat

**Theoretical MW (kDa):** 48

**Reactivity:** Human

**Applications:** ELISA, WB-Ti

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Antigen affinity purification

**Concentration:** 0.5 mg/mL

**Recommend Usage:** ELISA (1:64000)

Western blot (1-3 ug/mL)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

**Storage Instruction:** Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 1141

**Gene Symbol:** CHRNA2

**Gene Alias:** EFNL3, nAChRB2

**Gene Summary:** Neuronal acetylcholine receptors are homo- or heteropentameric complexes composed of homologous alpha and beta subunits. They belong to a superfamily of ligand-gated ion channels which allow the flow of sodium and potassium across the plasma membrane in response to ligands such as acetylcholine and nicotine. This gene encodes one of several beta subunits. Mutations in this gene are associated with autosomal dominant nocturnal frontal lobe epilepsy. [provided by RefSeq]