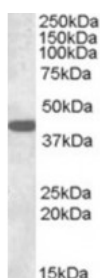




GJA1 Antibody

CATALOG NUMBER: 46-995



Western blot analysis of GJA1 in rat brain lysate (35 ug protein in RIPA buffer) using GJA1 Antibody at 0.3 ug/mL.

Specifications

SPECIES REACTIVITY:	Rat
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:64000. Western Blot: Approximately 40 kDa band observed in rat brain lysates (calculated MW of 43.0 kDa according to human NP_000156.1 and to rat NP_036699.1). Recommended concentration: 0.3-1 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1463 - Rat Brain Tissue Lysate
IMMUNOGEN:	GJA1 antibody was raised against a 14 amino acid synthetic peptide near the internal region of GJA1.
HOST SPECIES:	Goat

Properties

PURIFICATION:	GJA1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	GJA1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	GJA1, gap junction protein, alpha 1, 43 kDa, CX43, DFNB38, GJAL, ODDD, connexin 43, gap junction 43 kDa heart protein, alpha-like, HSS, CMDR, AVSD3, HLHS1
ACCESSION NO.:	NP_000156.1
PROTEIN GI NO.:	4504001
OFFICIAL SYMBOL:	GJA1
GENE ID:	2697

Background

REFERENCES: 1) de la Parra DR, Zenteno JC. A new GJA1 (connexin 43) mutation causing oculodentodigital dysplasia associated to uncommon features. Ophthalmic Genet. 2007 Dec;28(4):198-202.

FOR RESEARCH USE ONLY

December 13, 2016