



AIF4 Antibody

CATALOG NUMBER: 45-222



Western Blot (0.03ug/ml) staining of Human Brain (Frontal Cortex) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 100kDa band observed in Human Brain (Frontal Cortex) lysates (calculated MW of 98.7kDa according to NP_113671.3). Recommended concentration: 0.03-0.1ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1366 - Human Frontal Lobe Tissue Lysate
IMMUNOGEN:	AIF4 antibody was raised against a 13 amino acid synthetic peptide near the internal region of AIF4.
HOST SPECIES:	Goat

Properties

PURIFICATION:	AIF4 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	AIF4 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:	ITCH, itchy homolog E3 ubiquitin protein ligase (mouse), AIF4, AIP4, NAPP1, dJ468O1.1, NFE2-associated polypeptide 1, atrophin-1 interacting protein 4, dJ468O1.1 (atrophin 1 interacting protein 4, AIP4), itchy homolog E3 ubiquitin protein ligase, ubiquitin protein ligase ITCH
ACCESSION NO.:	NP_113671.3
PROTEIN GI NO.:	27477109

OFFICIAL SYMBOL: ITCH

GENE ID: 83737

Background

REFERENCES: 1) Di Marcotullio L, Ferretti E, Greco A, De Smaele E, Po A, Sico MA, Alimandi M, Giannini G, Maroder M, Screpanti I, Gulino A. Numb is a suppressor of Hedgehog signalling and targets Gli1 for Itch-dependent ubiquitination. Nat Cell Biol. 2006 Dec;8(12):1415-23. Epub 2006 Nov 19.

FOR RESEARCH USE ONLY

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