

Goat anti-AHI1 / Jouberein Antibody

Item Number	dAP-0552
Target Molecule	Principle Name: AHI1 / Jouberein; Official Symbol: AHI1; All Names and Symbols: AHI1; AHI-1; DKFZp686J1653; FLJ14023; FLJ20069; JBTS3; ORF1; dJ71N10.1; Abelson helper integration site; jouberein; Ahi-1 isoform I; OTTHUMP00000017263; OTTHUMP00000017264; OTTHUMP00000017265; contains SH3 and WD40 domains; Abelson helper integration site; Accession Number (s): NP_060121.3; NP_001128303.1; NP_001128302.1; NP_001128304.1; Human Gene ID(s): 54806; Non-Human GeneID
Immunogen	PTAESEAKVKTC, is from N Terminus This antibody is expected to recognise both reported isoforms. Variants (NP_060121.3; NP_001128303.1; NP_001128302.1) encode the same isoform.
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Preliminary experiments gave an approx 22kDa band in Human Brain lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 137kD
IHC	
Reference	Reference(s): Jiang X, Hanna Z, Kaouass M, Girard L, Jolicoeur P. Ahi-1, a novel gene encoding a modular protein with WD40-repeat and SH3 domains, is targeted by the Ahi-1 and Mis-2 provirus integrations. J Virol. 2002 Sep;76(18):9046-59. .PMID: 12186888 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**