



Everest Biotech Ltd  
Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD, United Kingdom

[everestbiotech.com](http://everestbiotech.com)

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel +44 1869 238326

Fax +44 1869 238327

**Research Use Only. Not for diagnostic or therapeutic use.**

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06539 - Goat Anti-AHI1 / Jouberin Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** contatins SH3 and WD40 domains, OTTHUMP00000017265, OTTHUMP00000017264, OTTHUMP00000017263, Ahi-1 isoform I, jouberin, Abelson helper integration site, dJ71N10.1, ORF1, JBTS3, FLJ20069, FLJ14023, DKFZp686J1653, AHI-1, AHI1

**Official Symbol:** AHI1

**Accession Number(s):** NP\_060121.3; NP\_001128303.1; NP\_001128302.1; NP\_001128304.1

**Human GeneID(s):** [54806](#)

**Important Comments:** This antibody is expected to recognise both reported isoforms. Variants ( NP\_060121.3; NP\_001128303.1; NP\_001128302.1) encode the same isoform.

### Immunogen

Peptide with sequence PTAESEAKVKTC, from the N Terminus of the protein sequence according to NP\_060121.3; NP\_001128303.1; NP\_001128302.1; NP\_001128304.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:16000.

**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 137kDa according to NP\_060121.3. The 22kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human

### Specific References

The goat polyclonal antibody used in this paper was manufactured by us:

Kennah E, Ringrose A, Zhou LL, Esmailzadeh S, Qian H, Su MW, Zhou Y, Jiang X.

Identification of tyrosine kinase, HCK, and tumor suppressor, BIN1, as potential mediators of AHI-1 oncogene in primary and transformed CTCL cells.

Blood. 2009 May 7;113(19):4646-55.

**PMID:** 19211505

The goat polyclonal antibody used in this paper was manufactured by us:

Zhou LL, Zhao Y, Ringrose A, DeGeer D, Kennah E, Lin AE, Sheng G, Li XJ, Turhan A, Jiang X.

AHI-1 interacts with BCR-ABL and modulates BCR-ABL transforming activity and imatinib response of CML stem/progenitor cells.

J Exp Med. 2008 Oct 27;205(11):2657-71.

**PMID:** 18936234

The goat polyclonal antibody used in this paper was manufactured by us:

Ringrose A, Zhou Y, Pang E, Zhou L, Lin AE, Sheng G, Li XJ, Weng A, Su MW, Pittelkow MR, Jiang X.

Evidence for an oncogenic role of AHI-1 in Sezary syndrome, a leukemic variant of human cutaneous T-cell lymphomas.

Leukemia. 2006 Sep;20(9):1593-601. Epub 2006 Jul 13.

**PMID:** 16838023