



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.

## EB06127 - Goat Anti-CENTG3 / MRIP1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** centaurin, gamma 3, CRMP (collapsin response mediator protein) associated, FLJ34452, FLJ16146, CRAG, ArfGAP with GTPase domain, ankyrin repeat and PH domain 3, MRIP-1 protein, MRIP-1, centaurin, gamma 3, MRIP1, CENTG3, AGAP3

**Official Symbol:** AGAP3

**Accession Number(s):** NP\_114152.3

**Human GeneID(s):** [116988](#)

**Non-Human GeneID(s):** 213990 (mouse)

### Immunogen

Peptide with sequence C-NPSAELHRSPSLL, from the C Terminus of the protein sequence according to NP\_114152.3.

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 1:32000.

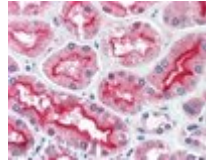
**Western blot:** Preliminary experiments gave an approx 45kDa band in Human Brain and Human Liver lysates at 1ug/ml. This band was successfully blocked by incubation with the immunising peptide. Please note that currently we cannot find an explanation in the literature for the band we observe given the predicted size of approx. 101kDda according to NP\_114152. 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?

**IHC:** In paraffin embedded Human Kidney shows strong staining of brush borders in Proximal Convoluted tubules. Recommended concentration, 5-10µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat



EB06127 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.