



## UK Office

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

## EB07498 - Goat Anti-KRIT1 / CCM1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** KRIT1, KRIT1, ankyrin repeat containing, CAM, CCM1, ankyrin repeat-containing protein Krit1, cerebral cavernous malformations 1, krev interaction trapped 1

**Official Symbol:** KRIT1

**Accession Number(s):** NP\_004903.2; NP\_919436.1; NP\_919437.1; NP\_919438.1; NP\_001013424.1

**Human GeneID(s):** [889](#)

**Non-Human GeneID(s):** 79264 (mouse)

**Important Comments:** This antibody is expected to recognise isoform 1 (NP\_004903.2, NP\_919436.1, NP\_919437.1, NP\_919438.1) and isoform 2 (NP\_001013424.1).

### Immunogen

Peptide with sequence C-YGNYESKHKHQG, from the internal region of the protein sequence according to NP\_004903.2; NP\_919436.1; NP\_919437.1; NP\_919438.1; NP\_001013424.1.

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 1:64000.

**Western blot:** Preliminary experiments in lysates of several Human tissues and cell lines gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

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