



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

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

Sales:

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

Tech support:

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

Tel: +44 (0)1869 238326

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

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

## EB08339 - Goat Anti-RIG1 / RARRES3 (aa 124 to 136) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** RARRES3, retinoic acid receptor responder (tazarotene induced) 3, HRASLS4, MGC8906, RIG1, TIG3

**Official Symbol:** PLAAT4

**Accession Number(s):** NP\_004576.2

**Human GeneID(s):** [5920](#)

### Immunogen

Peptide with sequence KSRCKQVEKAKVE, from the internal region of the protein sequence according to NP\_004576.2.

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 1:128000.

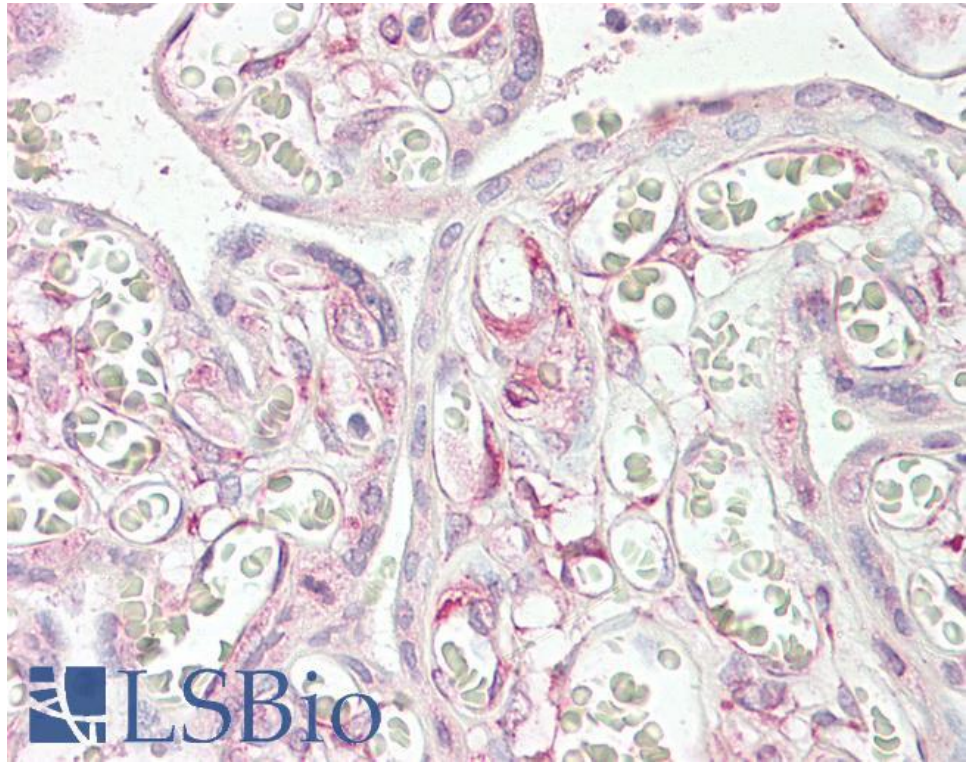
**Western blot:** Preliminary experiments gave bands at approx 22kDa and 55kDa in Human Thymus lysates after 1µg/ml antibody staining. The 55kDa band was observed in all tissues tested. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 18.8kDa according to NP\_004576.2. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands).

**IHC:** Paraffin embedded Human Placenta. Recommended concentration: 3.75µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB08339 (3.75µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.