

## UK Office

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

## EB05337-T - Goat Anti-VAV2 Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** VAV2, vav 2 oncogene, Oncogene VAV2, vav 2 guanine nucleotide exchange factor, Protein vav-2, oncogene VAV2

**Official Symbol:** VAV2

**Accession Number(s):** NP\_001127870.1; NP\_003362.2

**Human GeneID(s):** [7410](#)

**Non-Human GeneID(s):** 22325 (mouse)

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_001127870.1 and NP\_003362.2).

### Immunogen

Peptide with sequence ETEAKYYRTLEDIEC, from the internal region of the protein sequence according to NP\_001127870.1; NP\_003362.2.

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 1:32000.

**Western blot:** Approx 100kDa band observed in 293 lysate (predicted MW of 100kDa according to NP\_003362). Recommended for use at 1-1.5µg/ml.

**IHC:** Paraffin embedded Human Colon. Recommended concentration: 2.5µg/ml.

**Additional validation:** This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.

### Species Reactivity

**Tested:** Human

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

### Specific Reference

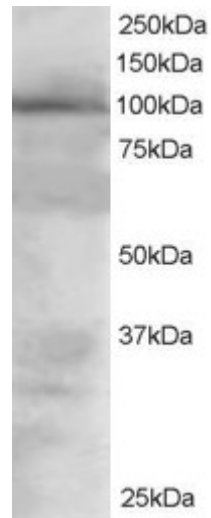
**This antibody has been successfully used in the following paper:**

Krzysztof Sikorski, Adi Mehta, Marit Inngjerdigen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen

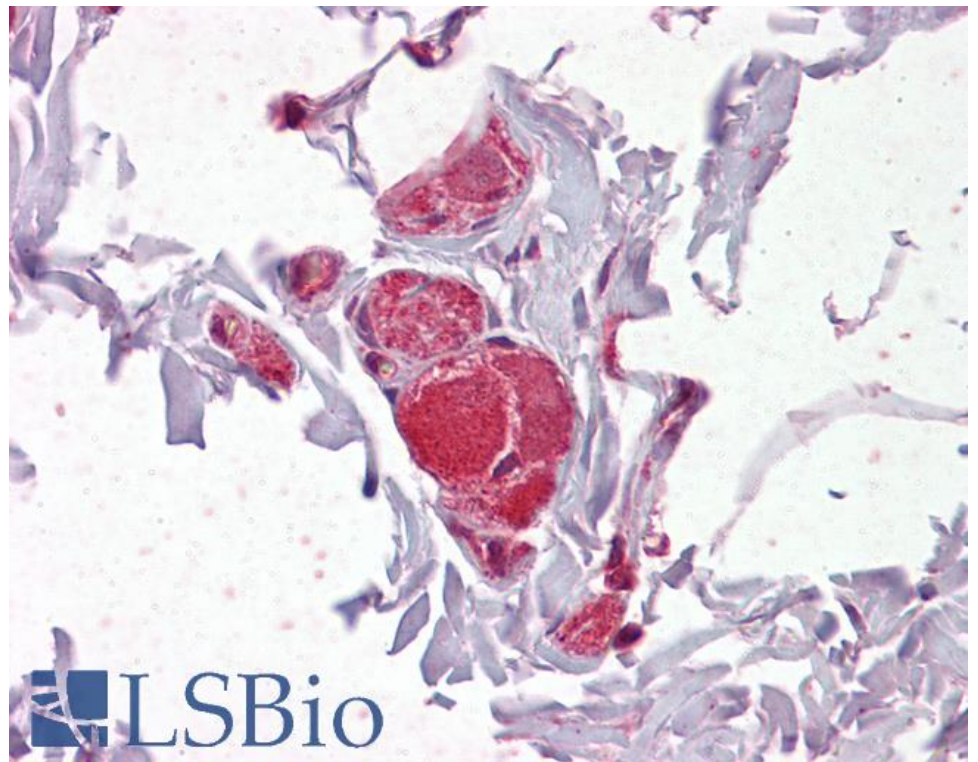
A high-throughput pipeline for validation of antibodies

Nat Methods. 2018 Nov;15(11):909-912

PMID: 30377371



EB05337 staining (1.5µg/ml) of 293 lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



EB05337 (2.5µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.