

## UK Office

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

## EB08025 - Goat Anti-TPD52L2 / D54 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** TPD52L2, D54, tumor protein D52-like 2, DKFZp686A1765, hD54, HCCR-binding protein 2

**Official Symbol:** TPD52L2

**Accession Number(s):** NP\_955392.1; NP\_955393.1; NP\_955394.1; NP\_955395.1; NP\_003279.2; NP\_955391.1

**Human GeneID(s):** [7165](#)

**Important Comments:** This antibody is expected to recognise all reported isoforms (NP\_955392.1; NP\_955393.1; NP\_955394.1; NP\_955395.1; NP\_003279.2; NP\_955391.1).

### Immunogen

Peptide with sequence C-SGDKPLSDPAP, from the C Terminus of the protein sequence according to NP\_955392.1; NP\_955393.1; NP\_955394.1; NP\_955395.1; NP\_003279.2; NP\_955391.1.

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:** Approx 28kDa band observed in Human Breast Cancer and Human Brain lysates (calculated MW of 24.9kDa according to NP\_955392.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. See also our D52 and D53 products.

**IHC:** Paraffin embedded Human Spleen, Tonsil and Brain (Cortex). Recommended concentration: 3.75µg/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

### Specific Reference

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

Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, 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

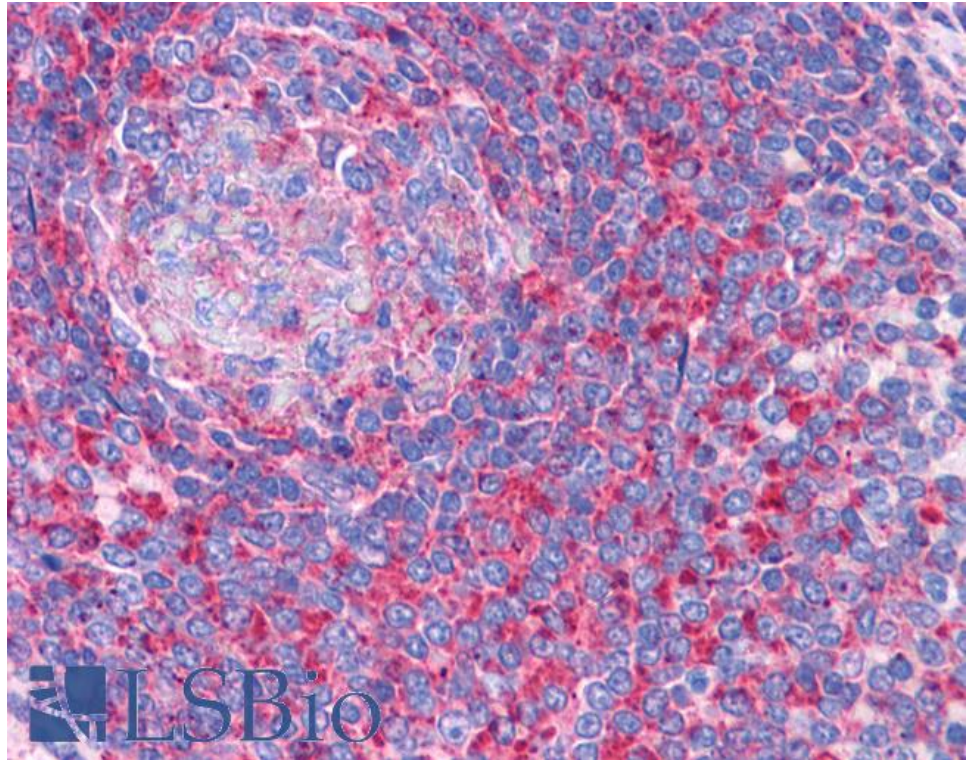
A high-throughput pipeline for validation of antibodies

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

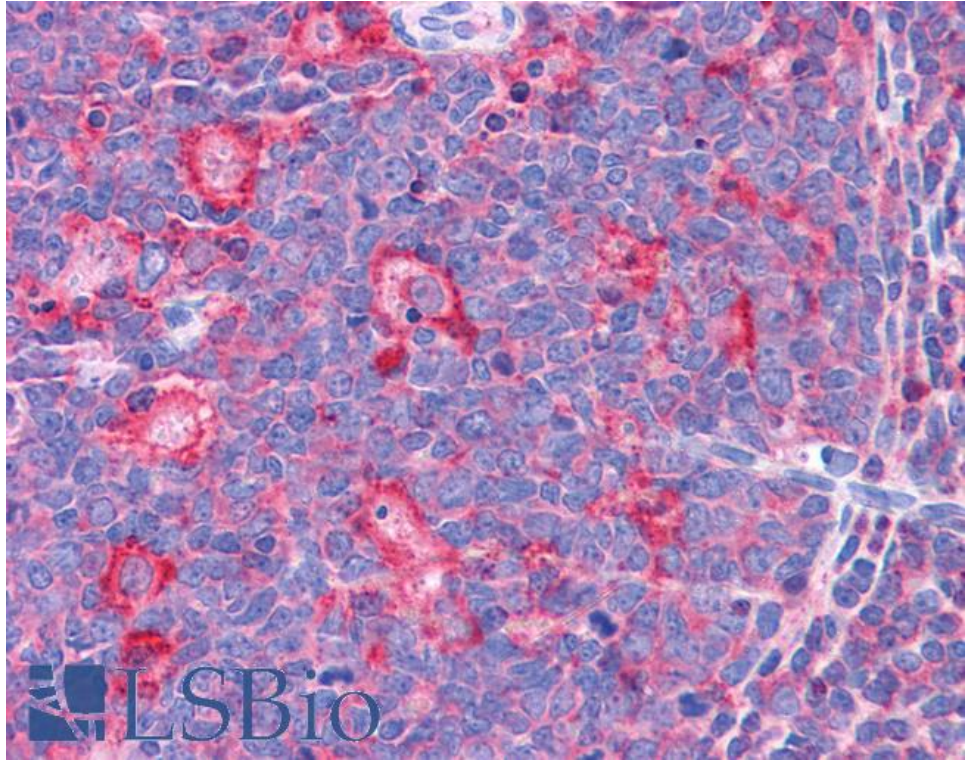
PMID: 30377371



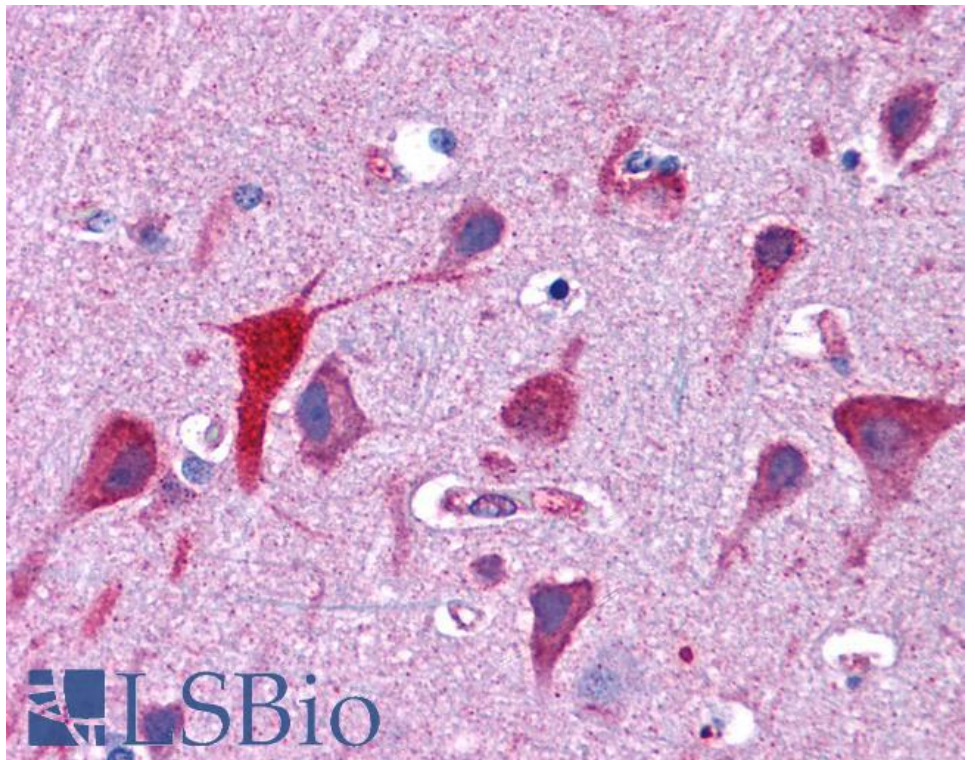
EB08025 (0.1 $\mu$ g/ml) staining of Human Breast Cancer lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB08025 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB08025 (3.75µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB08025 (3.75µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.