



## UK Office

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

## EB06291 - Goat Anti-PIK3C2A Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PIK3C2A, CPK, PI3-K-C2A, PI3K-C2alpha, PI3-K-C2(ALPHA), phosphoinositide-3-kinase, class 2, alpha polypeptide, C2-containing phosphatidylinositol kinase, DKFZp686L193, MGC142218

**Official Symbol:** PIK3C2A

**Accession Number(s):** NP\_002636.2

**Human GeneID(s):** [5286](#)

**Non-Human GeneID(s):** 18704 (mouse)

### Immunogen

Peptide with sequence C-TVKWYQLTAATYL, from the C Terminus of the protein sequence according to NP\_002636.2.

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.

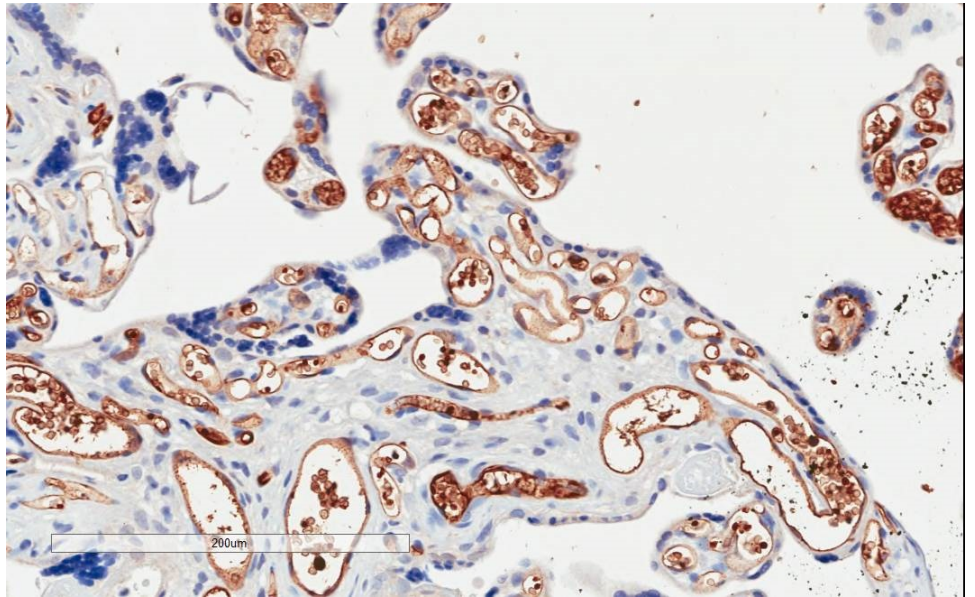
**Western blot:** Preliminary experiments gave no signal but low background in Human Testis and Molt-4 lysates at up to 1µg/ml.

**IHC:** In paraffin embedded Human Placenta shows cytoplasm staining of cytotrophoblasts and mesenchymal cells. Recommended concentration: 2-4µg/ml. Paraffin embedded Human Heart. Recommended concentration: 5µg/ml.

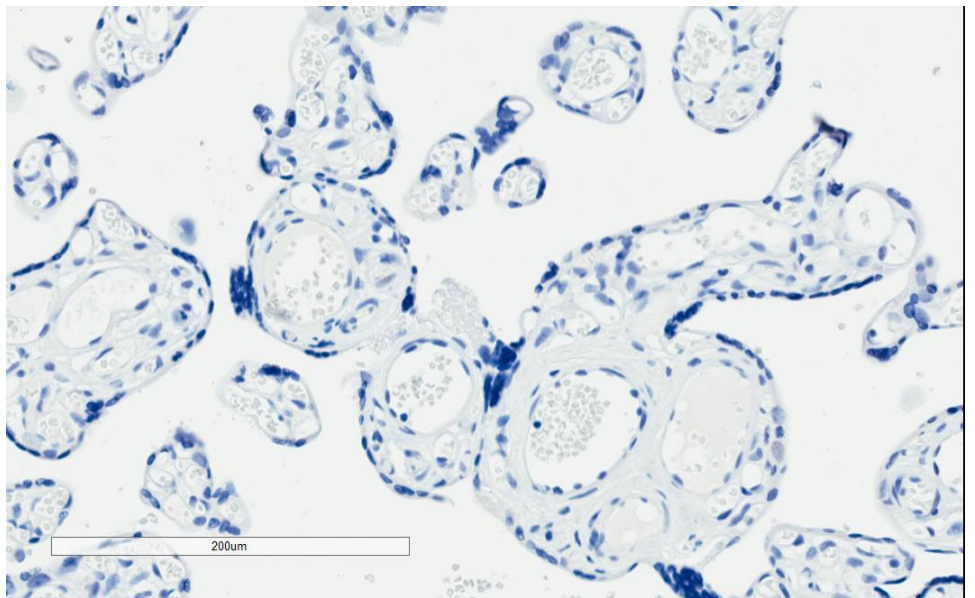
### Species Reactivity

**Tested:** Human

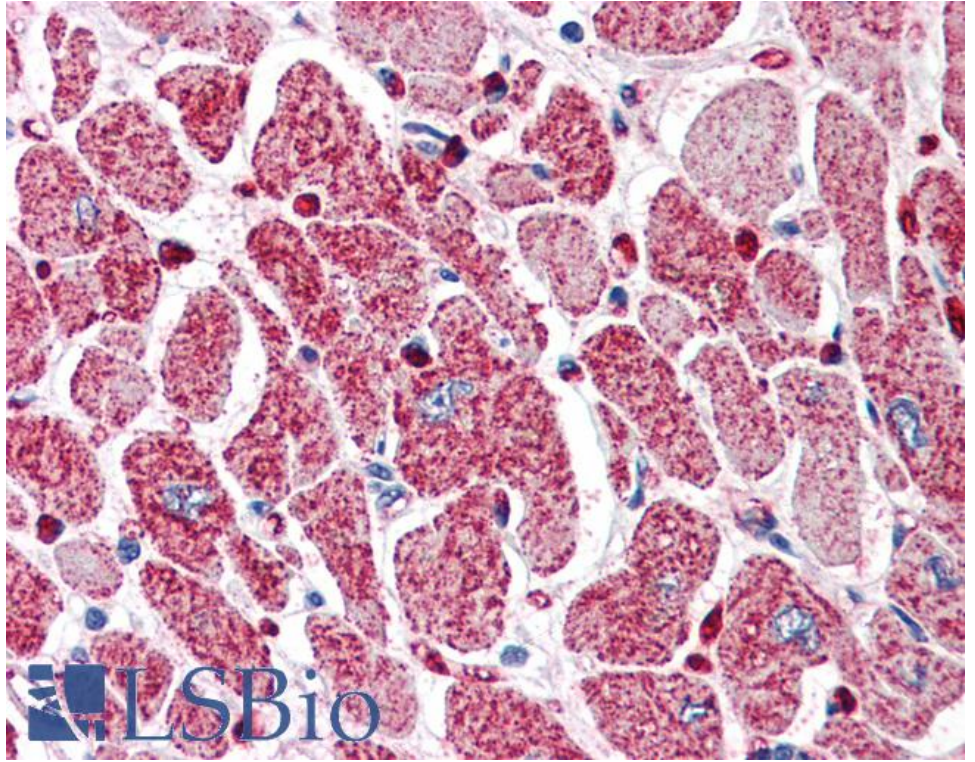
**Expected from sequence similarity:** Human, Mouse, Dog



EB06291 (2µg/ml) staining of paraffin embedded Human Placenta. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.



EB06291 Negative Control showing staining of paraffin embedded Human Placenta, with no primary antibody.



EB06291 (5µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.