



## UK Office

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

## EB08302 - Goat Anti-MARCH-VII / Axotrophin Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MARCH7, membrane-associated ring finger (C3HC4) 7, AXO, AXOT, DKFZP586F1122, MARCH-VII, RNF177, axotrophin, membrane-associated RING-CH protein VII

**Official Symbol:** MARCH7

**Accession Number(s):** NP\_073737.1

**Human GeneID(s):** [64844](#)

**Non-Human GeneID(s):** 57438 (mouse), 311059 (rat)

### Immunogen

Peptide with sequence C-NFNQESEGRNT, from the internal region of the protein sequence according to NP\_073737.1.

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 1:4000.

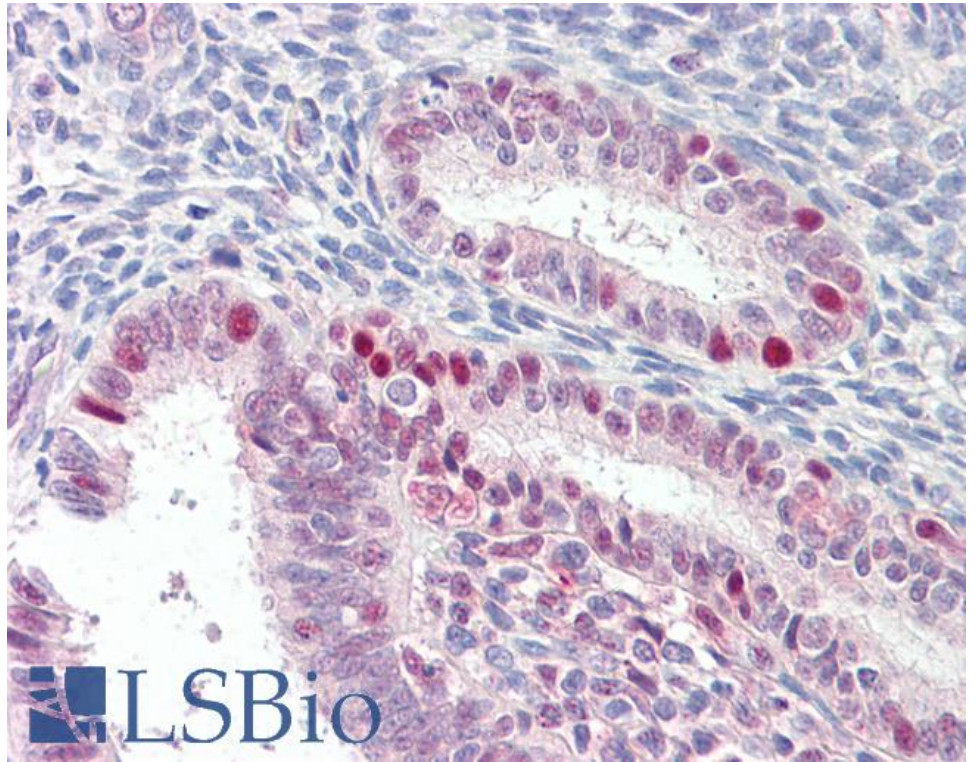
**Western blot:** Preliminary experiments gave an approx 125kDa band in Human Spleen and Tonsil lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 78.1kDa according to NP\_073737.1. The 125kDa band was successfully blocked by incubation with the immunizing peptide.

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

### Species Reactivity

**Tested:** Human

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



EB08302 (3.75µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.