

## UK Office

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

## EB09839 - Goat Anti-CHCHD3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** coiled-coil-helix-coiled-coil-helix domain containing 3, FLJ20420, CHCHD3

**Official Symbol:** CHCHD3

**Accession Number(s):** NP\_060282.1

**Human GeneID(s):** [54927](#)

**Non-Human GeneID(s):** 296966 (rat)

### Immunogen

Peptide with sequence KFKRYESHPCAD, from the internal region of the protein sequence according to NP\_060282.1.

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 26kDa band observed in Human Brain (Cerebellum) and Heart lysates (calculated MW of 26.2kDa according to NP\_060282.1). Recommended concentration: 1-3µg/ml. A customer found ~30kDa in THP1 and in Human primary monocyte derived dendritic cells.

**IHC:** Paraffin embedded Human Heart and Skeletal Muscle. Recommended concentration: 5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow, Sheep

### Specific Reference

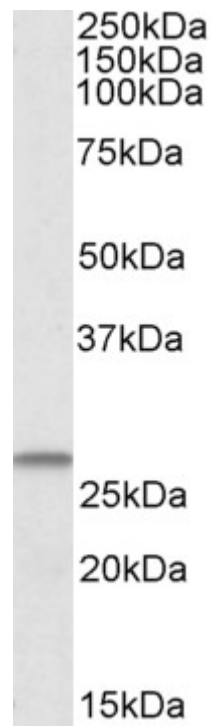
**This antibody has been successfully used in IF on Human:**

Steffen J, Vashisht AA, Wan J, Jen JC, Claypool SM, Wohlschlegel J, Koehler CM.

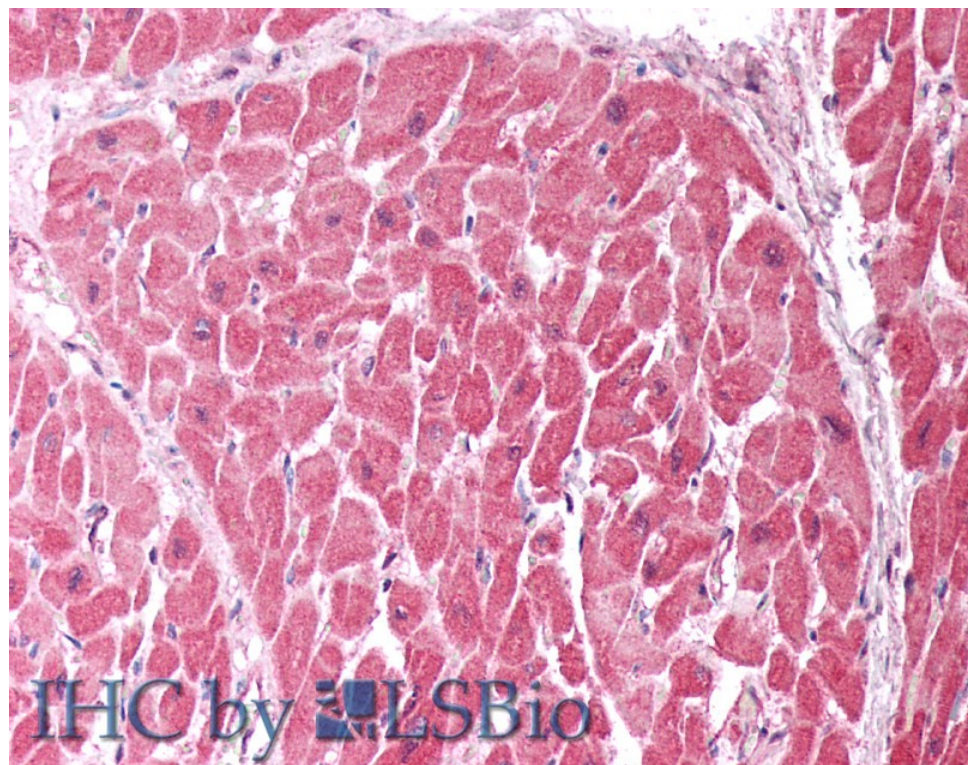
Rapid degradation of mutant SLC25A46 by the ubiquitin-proteasome system results in MFN1/2 mediated hyperfusion of mitochondria.

Mol Biol Cell. 2017 Jan 5.

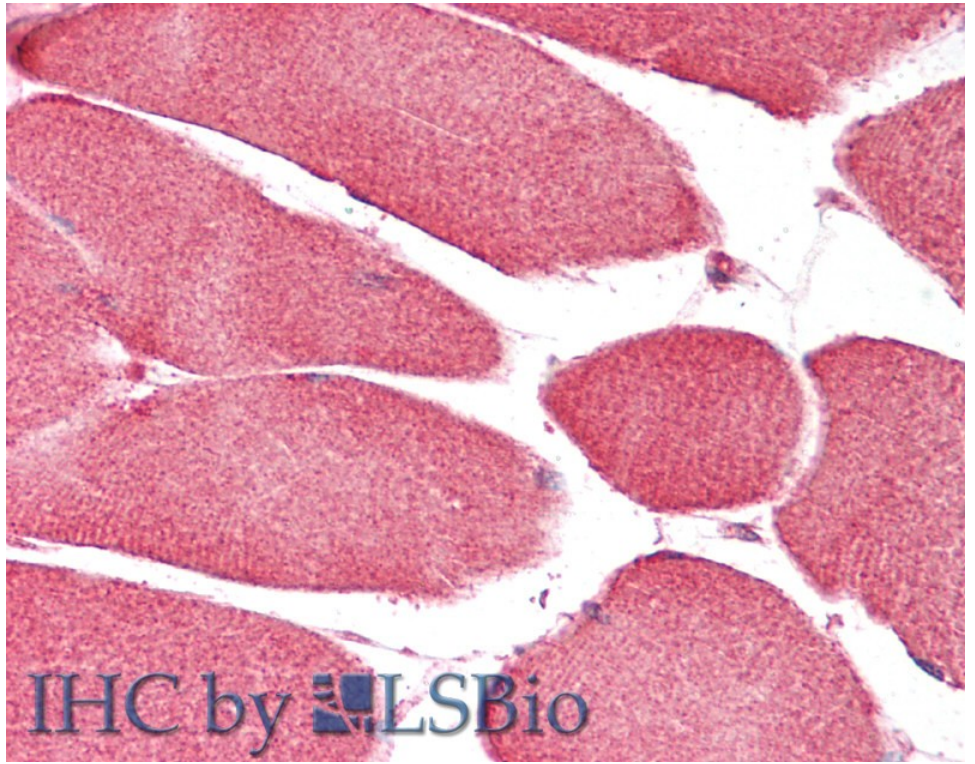
PMID: 28057766



EB09839 (1 $\mu$ g/ml) staining of Human Heart lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB09839 (5 $\mu$ g/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB09839 (5µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.