

### **International Office**

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# EB09136 - Goat Anti-SPARTIN Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** SPG20, spastic paraplegia 20 (Troyer syndrome), KIAA0610, SPARTIN, TAHCCP1, OTTHUMP00000018254, spastic paraplegia 20, spastic paraplegia

20, spartin (Troyer syndrome), trans-activated by hepatitis C virus core protein 1

Official Symbol: SPART

Accession Number(s): NP\_055902.1

Human GeneID(s): 23111

#### **Immunogen**

Peptide with sequence C-EASGTDVKQLDQGNK, from the internal region of the protein sequence according to NP\_055902.1.

Please note the <u>peptide</u> 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 1:8000.

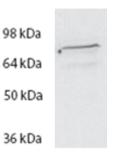
**Western blot:** Approx 70kDa band observed in lysates of cell line HeLa (calculated MW of 72.8kDa according to NP\_055902.1). Recommended concentration: 1-3µg/ml.

**Immunofluorescence:** HeLa show dimished signals after knock down of expresssion by introduction of siRNA.

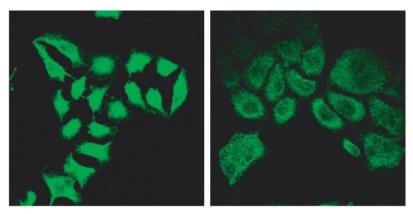
### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB09136 ( $2\mu g/ml$ ) staining of HeLa lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



 $EB09136\ (2\mu g/ml)\ staining\ of\ methanol-fixed\ HeLa\ before\ (left)\ and\ after\ (right)\ introduction\ of\ siRNA.$