**UK Office**

# 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:** SPG20
**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 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 1:8000.
**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.
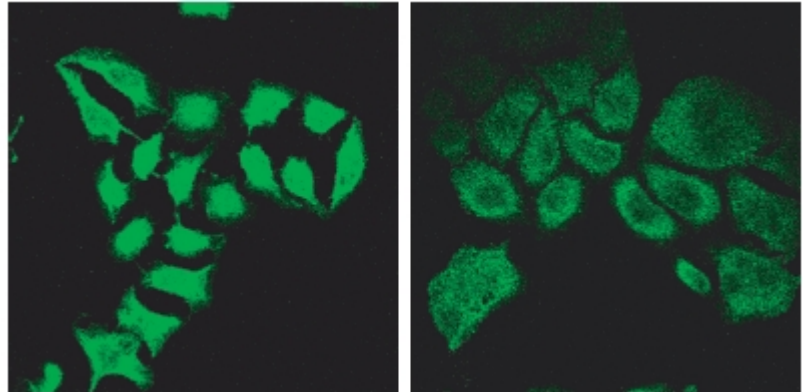
## Species Reactivity
**Tested:** Human
**Expected from sequence similarity:** Human

Auto-generated 18/07/2025
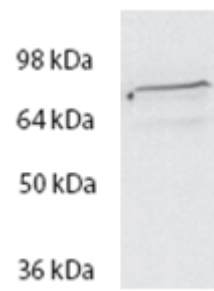
EB09136 (2µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



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