

## International Office

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

## EB05100 - Goat Anti-SHC1; SHC3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SHC1, SHC (Src homology 2 domain containing) transforming protein 1, SHC, SHCA, SHC (Src homology 2 domain-containing) transforming protein 1

**Official Symbol:** SHC1

**Accession Number(s):** NP\_003020; NP\_058544

**Human GeneID(s):** [6464](#) , [53358](#)

**Important Comments:** This product is expected to recognize the products of 2 different genes.

### Immunogen

Peptide with sequence SELCLQQPVERKQ, from the C Terminus of the protein sequence according to NP\_003020; NP\_058544.

### 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

**Western blot:** Western blot: Approx 65-70kDa, 45kDa and 30kDa bands seen in U937 lysate. Recommended for use at 1-3 µg/ml.

Please note that the approx. 65-70kDa and 45kD bands correspond to two of the isoforms of SHC, as observed by Pelicci et al., [Cell 1992 Jul 10;70(1):93-104]. We also observed approx. 30-35kDa band. This lower MW band may be recognising an isoform with the accession number AAH33925. Moreover, splice prediction software (<http://www.bioinformatics.ucla.edu/ASAP/>) indicated the possibility of three isoforms for SHC1.

### Species Reactivity

**Tested:** Human

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