

## UK Office

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

## EB06153 - Goat Anti-ORP3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** OSBPL3, ORP3, ORP-3, OSBP3, KIAA0704, MGC21526, oxysterol binding protein-like 3, OSBP-related protein 3, oxysterol-binding protein 3, oxysterol-binding protein-related protein 3, DKFZp667P1518, OTTHUMP00000122490, OTTHUMP00000122491, OTTHUMP00000202019, oxysterol-binding protein-like protein 3

**Official Symbol:** OSBPL3

**Accession Number(s):** NP\_056365.1; NP\_663160.1; NP\_663161.1; NP\_663162.1

**Human GeneID(s):** [26031](#)

**Non-Human GeneID(s):** 71720 (mouse)

**Important Comments:** This antibody is expected to recognise all reported isoforms (NP\_056365.1; NP\_663160.1; NP\_663161.1; NP\_663162.1).

### Immunogen

Peptide with sequence MSDEKNLGVSQKL-C, from the N Terminus of the protein sequence according to NP\_056365.1; NP\_663160.1; NP\_663161.1; NP\_663162.1.

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 1:32000.

**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm of A431 cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

### Species Reactivity

**Tested:** Human

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

EB06153 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and some nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

EB06153 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.