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## **GOAT ANTI-CONNEXIN 30 / GJB6 ANTIBODY**

**SKU:** EB09671

## **SPECIFICATIONS**

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 

Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / GJB6|gap junction protein, beta 6,

30kDa|CX30|DFNA3|ED2|EDH|HED|OTTHUMP0000018096|OTTHUMP00000176870|OTTHUMP00000176871|OTTHUMP00000176872|connexin Alias

30|ectodermal dysplasia 2, hidrotic (Clouston syndrome)|gap junction protein, beta 6|gap junction protein, beta 6 (connexin 30) Names

Accession NP\_006774.2 ID

**Blocking Peptide** 

EBP09671

Immunogen Peptide with sequence C-RSKRAQTQKNHPNH, from the internal region of the protein sequence according to NP\_006774.2.

**Product** Comments

Reported variants represent identical protein: NP\_006774.2, NP\_001103691.1, NP\_001103689.1, NP\_001103690.1

**Peptide** 

C-RSKRAOTOKNHPNH Sequence

Purification

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Method

**Shipping** 

Refrigerated Instructions

**Predicted** 

Human, Mouse, Rat, Cow **Species** 

Human

10804 Gene ID

Mouse Gene ID

14623

Rat Gene ID 84403

**Product** 

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Grade **ELISA** 

Detection Antibody detection limit dilution 1:16000.

Limit

**Blot** 

Western

Preliminary experiments gave an approx 14kDa band in Human Brain (Cerebellum) and Rat Brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 30.4kDa according to NP 006774.2. The 14kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified

forms been reported?

**Application** 

Pep-ELISA Type