EB06992 - Goat Anti-Ubiquilin 1 Antibody
Size: 100µg specific antibody in 200µl

Target Protein
Principal Names: UBQLN1, ubiquilin 1, HGNC:12508, DA41, DSK2, PLIC-1, XDRP1, FLJ90054
Official Symbol: UBQLN1
Accession Number(s): NP_038466.2; NP_444295.1
Human GeneID(s): 29979
Non-Human GeneID(s): 56085 (mouse)
Important Comments: This antibody is expected to recognise both reported isoforms (NP_038466.2 and NP_444295.1)

Immunogen
Peptide with sequence C-KTQNRPQDHSAQQTN, from the internal region of the protein sequence according to NP_038466.2; NP_444295.1.

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 1:64000.
Western blot: Western Blot: Preliminary experiments gave no signals in Human Brain lysates, but showed an approx 80kDa band in Human Placenta lysates after 0.3µg/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 62.5kDa according to NP_038466.2. The 80kDa 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?

Species Reactivity
Tested:
Expected from sequence similarity: Human, Mouse, Dog