

AP30976PU-N**Polyclonal Antibody to Unc93a - Aff - Purified****Alternate names:**

homolog of C. elegans Unc93

Quantity:

0.1 mg

Background:

Unc93a, a human homolog of the C. elegans Unc93 gene, was initially identified by the sequencing of chromosome 6q27 at D6S193 as loss at this region correlated with sporadic ovarian cancer. Further analysis however, showed no tumor suppressor role for Unc93a. Unlike Unc93b, another homolog of the C. elegans Unc93 gene that is crucial for Toll-like receptor (TLR) signaling, the function of Unc93a is unknown. It is expressed in testis, small intestine, spleen, prostate and ovary. Two isoforms of Unc93a are known to exist.

Uniprot ID:[Q4QQI4](#)**NCBI:**[AAH99718](#)**GeneID:**[54346](#)**Host / Isotype:**

Rabbit / IgG

Immunogen:

Unc93a antibody was raised against a 18 amino acid peptide from near the carboxy terminus of human Unc93a.

Format:**State:** Liquid Ig fraction**Purification:** Affinity chromatography**Buffer System:** PBS containing 0.02% sodium azide**Applications:**

ELISA.

Western blot: 0.5 – 1 µg/ml.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody detects Unc93a.

The antibody will not cross-react with Unc93b.

Species Reactivity:**Tested:** Human**Add. Information:**

Blocking peptide available: AP30976CP-N

Storage:

Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

1. Liu Y, Dodds P, Emilion G, et al. The human homolog of unc-93 maps to chromosome 6q27.
2. Massey DC, Parkes M. Genome-wide association scanning highlights two autophagy genes, ATG16L1 and IRGM, as being significantly associated with Crohn's disease. Autophagy. 2007 Nov-Dec;3(6):649-51. Epub 2007 Sep 24. PubMed PMID: 17921695.

Pictures:

Western blot analysis of Unc93a in HeLa cell lysate with Unc93a antibody at (A) 0.5 and (B) 1 µg/ml.

