

**AP42936PU-N****Polyclonal Antibody to ARGFX - Aff - Purified****Alternate names:**

Arginine-fifty homeobox

**Quantity:**

0.1 mg

**Background:**

Homeobox genes encode DNA-binding proteins, many of which are thought to be involved in early embryonic development. Homeobox genes encode a DNA-binding domain of 60 to 63 amino acids referred to as the homeodomain. ARGFX gene is a member of the paired homeobox family expressed at low level in testis and undifferentiated embryonic stem cells

**Uniprot ID:**[A6NIG6](#)**NCBI:**[NP\\_001012677](#)**GeneID:**[503582](#)**Host:**

Rabbit

**Immunogen:**

Synthetic peptide directed towards the N terminal of human ARGFX

**AA Sequence:**

MFPDRNLQEKLLALRLDLPESTVKVWFRNRRFKLKKQQQQSAKQRNQILP

**Format:****State:** Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.**Purification:** Purified using Protein A affinity column**Applications:**

Western blotting (1 - 3 µg/ml).

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

**Species Reactivity:****Tested:** Human.**Storage:**

Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**General Readings:**

"Annotation, nomenclature and evolution of four novel homeobox genes expressed in the human germ line." Booth H.A., Holland P.W.H. Gene 387:7-14(2007)

**Pictures:**

Human HepG2; WB Suggested Anti-ARGFX Antibody Titration: 1.25µg/ml. Positive Control: HepG2 cell lysate; ARGFX antibody - N-terminal region (AP42936PU-N) in Human HepG2 cells using Western Blot

