

PIWI-L1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254375

Unit: 0.1 mg

Description:

PIWI-L1 is a member of the PIWI subfamily of Argonaute proteins, evolutionarily conserved proteins containing both PAZ and Piwi motifs that are crucial for the biogenesis and function of small non-coding RNAs and play important roles in stem cell self-renewal, RNA silencing, and translational regulation in diverse organisms. PIWI-L1 is thought to play a role as an intrinsic regulator of the self-renewal capacity of germline and hematopoietic stem cells as removing PIWI-L1 protein from single germline stem cells significantly decreases the rate of their division. Recent studies have shown that overexpression of PIWI-L1 (as well as other PIWI-like proteins) are potential biomarkers for colon and other cancers.

Isotype: Rabbit Ig

Applications: E, IF, IHC, WB

Species Reactivity: H, M, R

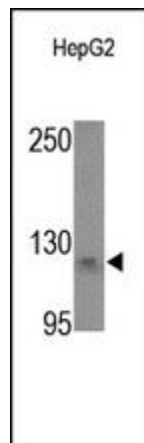
Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: PIWI-L1; PIWI-like 1; PIWIL1; PIWI; MIWI; HIWI

Accession No.: AAK69348

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human PIWI-L1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IF: 1:50-1:200; IHC: 1:100-1:500



The PIWI-L1 Antibody (Cat. No. 254375) is used at 1 ug/ml in Western blot to detect PIWI-L1 in HepG2 cell lysate.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.