Order: (888)-282-5810 (Phone)
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HPRT1 (N1) Antibody, Rabbit Polyclonal

Cat#: R0743-1

Lot#: Refer to vial

Quantity: 100 ul

Application: WB

Predicted M.W.: 25 kDa

Uniprot ID: P00492

Background:

Hypoxanthine-guanine phosphoribosyltransferase (HPRT1) belongs to the purine/pyrimidine phosphoribosyltransferase family. HPRT1 converts guanine to guanosine monophosphate, and hypoxanthine to inosine monophosphate. It transfers the 5-phosphoribosyl group from 5-phosphoribosylpyrophosphate onto the purine. It plays a central role in the generation of purine nucleotides through the purine salvage pathway. Defects in HPRT1 are the cause of Lesch-Nyhan syndrome (LNS) and gout HPRT-related (GOUT-HPRT), also known as HPRT-related gout or Kelley-Seegmiller syndrome.

Other Names:

Hypoxanthine-guanine phosphoribosyltransferase, HGPRT, HGPRTase, HPRT

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human HPRT1. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN_3. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:500-1:1,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

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Product Data:

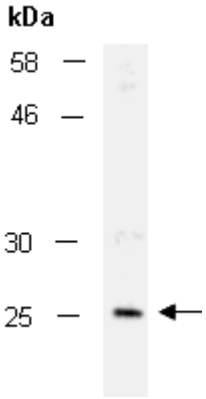

Fig 1. *Western blot of total cell extracts from human HeLa, using Ab (R0743-1) at RT for 2 h.*

Abiocode, Inc., 29397 Agoura Rd., Ste 106, Agoura Hills, CA 91301