

**PAD470Hu01**

**Polyclonal Antibody to Aryl Hydrocarbon Receptor Nuclear Translocator (ARNT)**

**Organism Species: *Homo sapiens* (Human)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

### [ **PROPERTIES** ]

**Source:** Polyclonal antibody preparation

**Host:** Rabbit

**Purification:** Antigen-specific affinity chromatography followed by Protein A affinity chromatography

**Traits:** Liquid

**Concentration:** 0.47mg/ml

**UOM:** 100µg/213µl)

**Cross Reactivity:** Mouse;Rat;Porcine

**Applications:** WB; IHC; ICC; IP.

### [ **IMMUNOGEN** ]

**Immunogen:** Recombinant ARNT (Gln624~Glu789) expressed in *E.coli*

**Accession No.:** RPD470Hu01

### [ **APPLICATIONS** ]

Western blotting: 0.5-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

### [ **FORMULATION** ]

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

### [ **STORAGE AND STABILITY** ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**[ IDENTIFICATION ]**

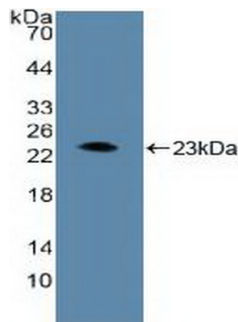


Figure. Western Blot; Sample: Recombinant ARNT, Human.

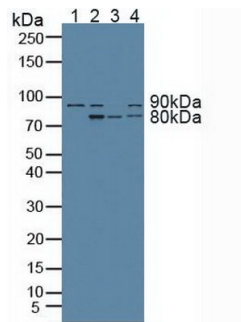


Figure. Western Blot; Sample: Lane1: Human Serum; Lane2: Human HepG2 Cells; Lane3: Porcine Kidney Tissue; Lane4: Rat Placenta Tissue.

**[ IMPORTANT NOTE ]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.