

## ARNT,HIF1B Polyclonal Antibody

Catalog number: 14105-1-AP

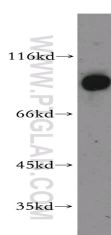
Size: 45 µg/150 µl

Source: Rabbit

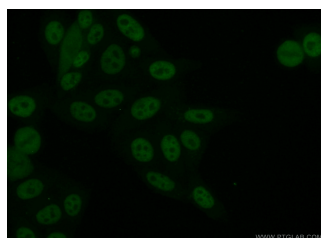
Isotype: IgG

Synonyms:

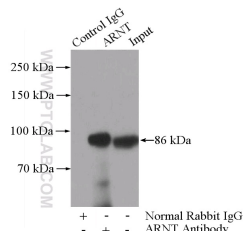
ARNT; ARNT, ARNT protein,  
bHLHe2, HIF 1 beta, HIF 1beta,  
HIF1 beta, HIF1B, HIF1BETA,  
TANGO



HepG2 cells were subjected to SDS PAGE followed by western blot with 14105-1-AP(ARNT,HIF1B antibody) at dilution of 1:1500



Immunofluorescent analysis of ( 10% Formaldehyde ) fixed HepG2 cells using 14105-1-AP( ARNT,HIF1B Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IP Result of anti-ARNT,HIF1B  
(IP:14105-1-AP, 4ug; Detection:14105-1-AP 1:1000) with HepG2 cells lysate 3600ug.

### Background

The antibody can recognize ARNT and ARNT2.

### Applications

|                          |                                         |
|--------------------------|-----------------------------------------|
| Tested applications:     | ELISA, WB, IP, IF                       |
| Cited applications:      | WB                                      |
| Species specificity:     | Human, Mouse; other species not tested. |
| Cited species:           | Human                                   |
| Caculated ARNT,HIF1B MW: | 416aa,46 kDa,87 kDa                     |
| Observed ARNT,HIF1B MW:  | 86 kDa                                  |
| Positive WB detected in  | HepG2 cells                             |
| Positive IP detected in  | HepG2 cells                             |
| Positive IF detected in  | HepG2 cells                             |
| Recommended dilution:    | WB: 1:1000-1:10000                      |
|                          | IP: 1:500-1:5000                        |
|                          | IF: 1:50-1:500                          |

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

|                           |                                                |
|---------------------------|------------------------------------------------|
| Immunogen:                | Ag5238                                         |
| GenBank accession number: | BC060838                                       |
| Gene ID (NCBI):           | 405                                            |
| Full name:                | Aryl hydrocarbon receptor nuclear translocator |

### Product information

|                      |                                                                      |
|----------------------|----------------------------------------------------------------------|
| Purification method: | Antigen affinity purification                                        |
| Storage:             | PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C. |