

## Product datasheet for **TA324545**

### HIF1 beta (ARNT) Rabbit Polyclonal Antibody

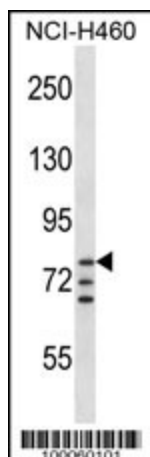
#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	IF: 1:10~50, WB: 1:1000
Reactivity:	Human (Predicted: Bovine)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This ARNT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 513-544 amino acids from the Central region of human ARNT.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	86636 Da
Gene Name:	aryl hydrocarbon receptor nuclear translocator
Database Link:	<a href="#">NP_848513</a> <a href="#">Entrez Gene 405 Human</a> <a href="#">P27540</a>
Synonyms:	aryl hydrocarbon receptor nuclear translocator; beta subunit; bHLHe2; dioxin receptor; HIF-1beta; HIF1B; HIF1BETA; hypoxia-inducible factor 1; nuclear translocator; OTTHUMP00000032943; TANGO
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Pathways in cancer, Renal cell carcinoma

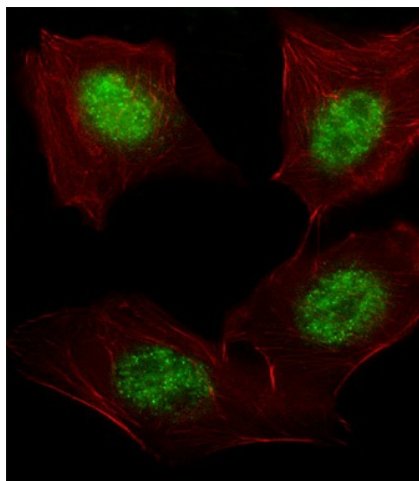


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## Product images:



ARNT Antibody (V528) (Cat. #TA324545) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the ARNT antibody detected the ARNT protein (arrow).



IF image of A549 cell stained with hARNT-V528 (Cat#TA324545). A549 cells were incubated with hARNT primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/ml). hARNT immunoreactivity is localized to Nucleus significantly.