

## Product datasheet for **TA324603**

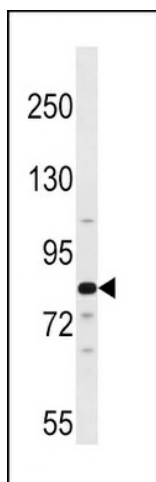
### ARNT2 Rabbit Polyclonal Antibody

#### Product data:

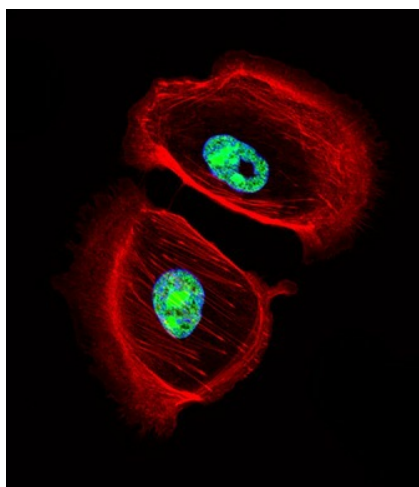
Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1:1000, IF: 1:10~50
Reactivity:	Human (Predicted: Mouse, Rat)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This ARNT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 249-278 amino acids from the Central region of human ARNT2.
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 A column, followed by peptide affinity purification.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	78691 Da
Gene Name:	aryl hydrocarbon receptor nuclear translocator 2
Database Link:	<a href="#">NP_055677</a> <a href="#">Entrez Gene 11864 Mouse</a> <a href="#">Entrez Gene 25243 Rat</a> <a href="#">Entrez Gene 9915 Human</a> <a href="#">Q9HBZ2</a>
Synonyms:	bHLHe1; WEDAS
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Pathways in cancer, Renal cell carcinoma



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**Product images:**

ARNT2 Antibody (Center) (Cat. #TA324603) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the ARNT2 antibody detected the ARNT2 protein (arrow).



IF image of SK-BR-3 cell stained with ARNT2 Antibody (Center) (Cat#TA324603). SK-BR-3 cells were incubated with ARNT2 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). Nuclei were counterstained with DAPI (blue). ARNT2 immunoreactivity is localized to nucleus significantly.