

Product datasheet for **TA347312**

WDR5 Rabbit Polyclonal Antibody

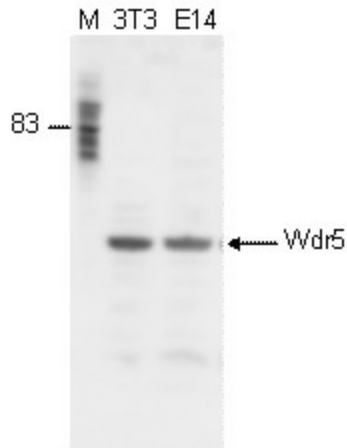
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA (1:100 ?? 1:500); Western blotting (1:1,000)
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-WDR5 antibody: mouse Wdr5 (WD (tryptophan-aspartate) repeat domain protein 5), using two KLH-conjugated synthetic peptides containing an amino acid sequence from the central part of the protein
Concentration:	lot specific
Purification:	Whole antiserum from rabbit containing 0.05% azide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	WD repeat domain 5
Database Link:	NP_060058 Entrez Gene 140858 Mouse P61964
Background:	Wdr5 (UniProtKB/Swiss-Prot entry P61964) belongs to the family of WD repeat proteins which are involved in different cellular processes such as cell cycle progression, signal transduction, apoptosis, and gene regulation. It is a component of the Set1A and Set1B histone H3 methylation complexes. These complexes methylate lysine 4 of H3, thereby activating gene transcription. Wdr5 interacts with H3 dimethyl K4, but not with tri or mono methylated H3K4.
Synonyms:	BIG-3; CFAP89; SWD3
Protein Families:	Druggable Genome

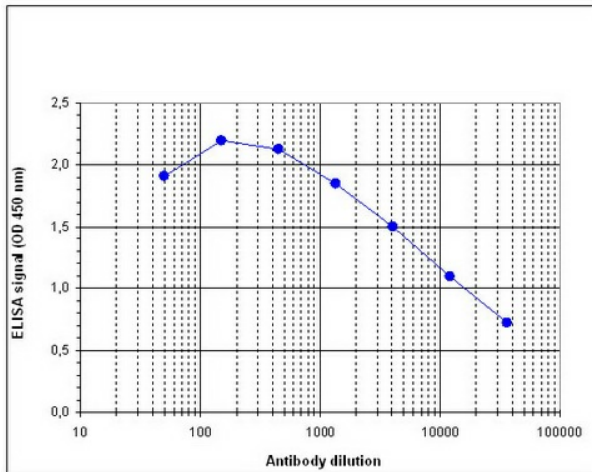


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Product images:



WB was performed on whole cell lysates from mouse fibroblasts (NIH3T3) and embryonic stem cells (E14Tg2a) with the antibody against mouse Wdr5, diluted 1:1,000 in BSA/PBS-Tween. The molecular weight marker (M, in kDa) is shown on the left; the location of the protein of interest (36 kDa) is indicated on the right.



Determination of the titer To determine the titer, an ELISA was performed using a serial dilution of the antibody against mouse Wdr5. By plotting the absorbance against the antibody dilution (Figure 1), the titer of the antibody was estimated to be 1:12,300.