

PRODUCT NAME		
WDR5 polyclonal antibody		
Other names: BIG3, SWD3		
Cat. No. pAb-027-050	Type: Polyclonal	Size: 50 µg/ 25 µl
Lot #: 001	Source: Rabbit	Concentration: 2.0 µg/µl

Description: Polyclonal antibody raised in rabbit against human WDR5 (WD (tryptophan-aspartate) repeat domain 5), using a recombinant protein.

Specificity: Human: positive
Other species: not tested

Applications	Suggested dilution	References
Western blotting	1:1,000	Fig1

Format: Protein G purified polyclonal antibody in PBS containing 0.05% azide and 0.05% ProClin 300.

Storage: Store at -20°C; for long storage, store at -80°C. Avoid multiple freeze-thaw cycles.

Precautions: This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Last data sheet update: April 9, 2010

Target description

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.

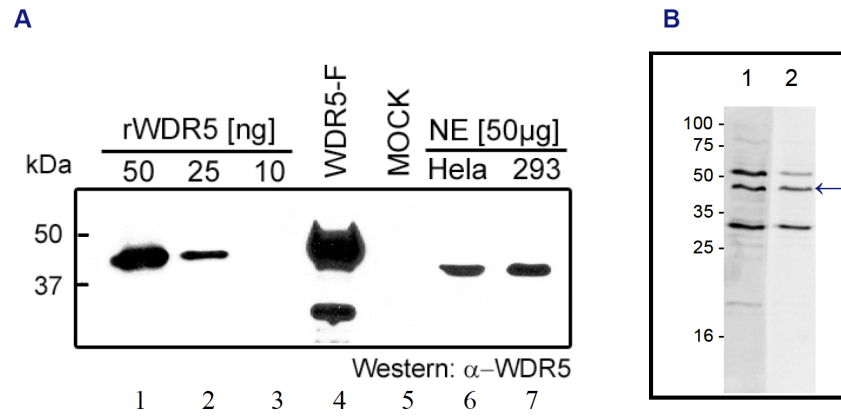


Figure 1

Western blot analysis using the Diagenode antibody directed against WDR5

HeLa nuclear extract (HeLa NE, [20 µg]) was analysed by Western blot using the Diagenode antibody against WDR5 (Cat. No. pAb-027-050) diluted of 1:1000 in TBS-Tween containing 5% skimmed milk (lane 2). The molecular weight marker (in kDa) is shown on the left; the location of the protein of interest is indicated on the right.