

WRD9 bromodomain 2 (1310-1426 aa) (GST-tagged), Human recombinant protein
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Catalog # PBV11229r

Specification

**WRD9 bromodomain 2 (1310-1426 aa) (GST-tagged), Human recombinant protein -
Product info**

Primary Accession [O9NSI6](#)
Calculated MW **40.3 kDa (1310-1426 aa + GST Tag) KDa**

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Additional Info**

Gene ID **54014**
Gene Symbol **BRWD1**
Other Names
BRD and WD repeat-containing protein 1; WD repeat-containing protein 9

Gene Source **Human**
Source **E. coli**
Assay&Purity **SDS-PAGE; ≥85%**
Assay2&Purity2 **HPLC;**
Recombinant **Yes**
Target/Specificity
BRWD1

Format
Liquid

Storage
-80°C; 50 mM Tris, pH 7.5, containing 500 mM sodium chloride, 5% glycerol, and 5 mM
β-mercaptoethanol.

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Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**WRD9 bromodomain 2 (1310-1426 aa) (GST-tagged), Human recombinant protein -
Images**

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Background**

The acetylation of histone lysine residues plays a crucial role in the epigenetic regulation of gene transcription. A bromodomain is a protein domain that recognizes acetylated lysine residues such as those on the N-terminal tails of histones. This recognition is often a prerequisite for protein-histone association and chromatin remodeling. These domains function in the linking of protein complexes to acetylated nucleosomes, thereby controlling chromatin structure and gene expression. Thus, bromodomains serve as “readers” of histone acetylation marks regulating the transcription of target promoters. WDR9 possesses two bromodomain motifs and eight WD repeats. WDR9 is also known to interact with BRG1 (SMARCA4). This product contains the bromodomain 2 region of WDR9.

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References**

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Hattori M.,et al.Nature 405:311-319(2000).
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