Immunoway
Best Tools for immunology Research

WDR5 Monoclonal Antibody

Catalog No :	YM0647
Reactivity :	Human
Applications :	WB;ELISA
Target :	WDR5
Fields :	>>Cushing syndrome
Gene Name :	WDR5
Protein Name :	WD repeat-containing protein 5
Human Gene Id :	11091
Human Swiss Prot No :	P61964
Mouse Swiss Prot No :	P61965
Immunogen :	Purified recombinant fragment of human WDR5 expressed in E. Coli.
Specificity :	WDR5 Monoclonal Antibody detects endogenous levels of WDR5 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	Affinity purification
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	37kD
P References :	1. Mol Syst Biol. 2007;3:89.

2. J Biol Chem. 2008 Nov 21;283(47):32162-75.

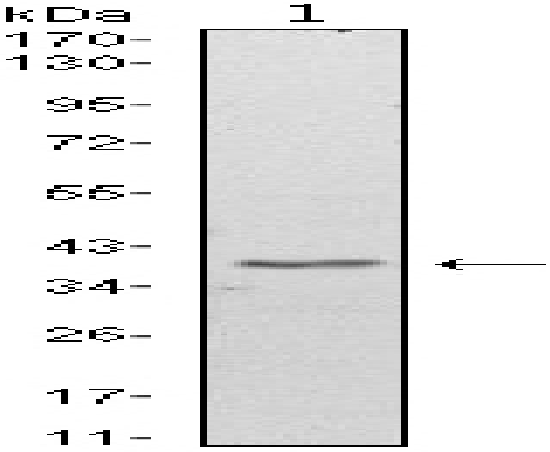
Background : This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein contains 7 WD repeats. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008],

Function : function:Accelerates osteoblast differentiation.,similarity:Belongs to the WD repeat WDR5/wds family.,similarity:Contains 7 WD repeats.,subunit:Interacts with HCFC1. Component of the SET1 complex, at least composed of the catalytic subunit (SETD1A or SETD1B), WDR5, WDR82, RBBP5, ASH2/ASH2L and CXXC1/CFP1. Component of MLL-containing complexes (named MLL, ASCOM, MLL2/MLL3 or MLL3/MLL4 complex): at least composed ASH2L, RBBP5, DPY30, WDR5, one or several histone methyltransferases (MLL, MLL2, MLL3 and/or MLL4), and the facultative components MEN1, HCFC1, HCFC2, NCOA6, KDM6A, PAXIP1/PTIP and C16orf53/PA1. Component of a multiprotein complex of 900 kDa containing WDR5.,

Subcellular Location : Nucleus .

Expression : Epithelium,Lung,Spleen,Uterus,

Products Images



Western Blot analysis using WDR5 Monoclonal Antibody against HeLa (1) cell lysate.