Jarid1C Polyclonal Antibody Cy5.5 Conjugated

Catalog No: #C07286Cy5.5

Orders: order@signalwayantibody.com
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Description

Product Name	Jarid1C Polyclonal Antibody Cy5.5 Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF(IHC-P)
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human Jarid1C KDM5C
Conjugates	Cy5.5
Target Name	Jarid1C
Other Names	SmcX protein; Xe169 protein; DXS1272E; Histone demethylase JARID1C; JmjC domain containing protein SMCX; Jumonji AT rich interactive domain 1C; Jumonji ARID domain-containing protein 1C; KDM5C; KDM5C_HUMAN; Lysine K specic demethylase 5C; Lysine-specic demethylase 5C; MRXJ; MRXSCJ; MRXSJ; Protein Sm
Accession No.	NCBI Gene ID:11184
Concentration	1mg ml
Formulation	Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

Application Details

IF:1:50-200

Background

Histone demethylase that specifically demethylates 'Lys-4' of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-9', H3 'Lys-27', H3 'Lys-36', H3 'Lys-79' or H4 'Lys-20'. Demethylates trimethylated and dimethylated but not monomethylated H3 'Lys-4'. Participates in transcriptional repression of neuronal genes by recruiting histone deacetylases and REST at neuron-restrictive silencer elements.Tissue specificity:br>Involvement in disease:Defects in KDM5C are the cause of mental retardation syndromic X-linked JARID1C-related (MRXSJ) . MRXSJ is characterized by significantly sub-average general intellectual functioning associated with impairments in adaptative behavior and manifested during the developmental period. MRXSJ patients manifest mental retardation associated with variable features such as slowly progressive spastic paraplegia, seizures, facial dysmorphism.