

Product Datasheet

MLL5 Rabbit Polyclonal Antibody (orb412434)

Catalog Number	orb412434
Category	Antibodies
Description	The MLL5 Antibody is suitable for IF, IHC, IP, WB. It is a Polyclonal, Unconjugated antibody which raised against Recombinant fusion protein of human MLL5 .Purification: The antibody was purified by immunogen affinity chromatography.
Target	KMT2E
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human, Mouse
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	Recombinant fusion protein of human MLL5
UniProt ID	Q8IZD2, Q3UG20
Tested applications	IF, IHC, IP, WB
Dilution range	WB: 1:500-2000, IF/ICC: 1:50-200, IP: 1:50-100
Specificity	Recognizes endogenous levels of MLL5 protein.

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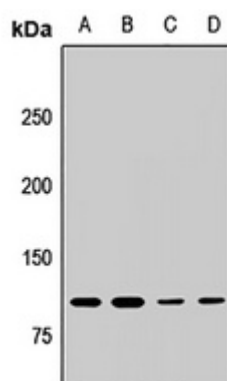
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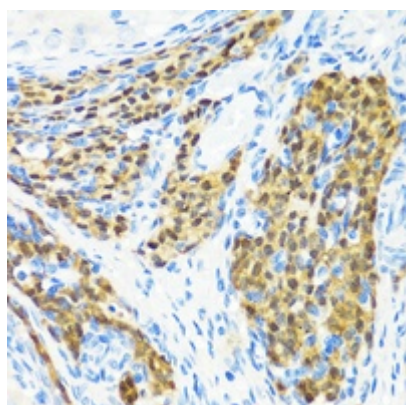
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Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	55904, 69188
Expiration Date	12 months from date of receipt.



Western blot analysis of MLL5 expression in MCF7 (A), HeLa (B), mouse lung (C), mouse brain (D) whole cell lysates. (Predicted band size: 68; 98; 131; 180-204 kD; Observed band size: 100 kD)



Immunohistochemical analysis of MLL5 staining in rat ovary formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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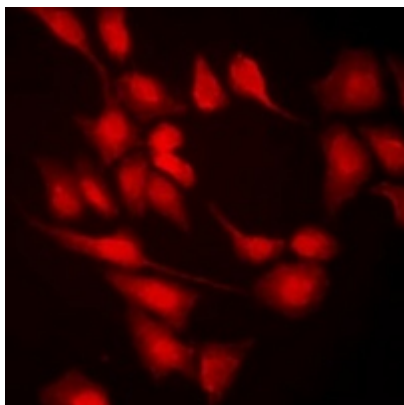
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Immunofluorescent analysis of MLL5 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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