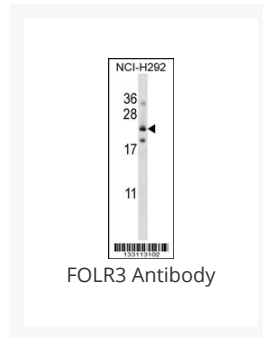




# FOLR3 Antibody

Cat. No.: 57-159



## Ψ Specifications

<b>HOST SPECIES:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human
<b>IMMUNOGEN:</b>	This FOLR3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-53 amino acids from the N-terminal region of human FOLR3.
<b>TESTED APPLICATIONS:</b>	WB
<b>APPLICATIONS:</b>	For WB starting dilution is: 1:1000
<b>PREDICTED MOLECULAR WEIGHT:</b>	28 kDa

## Ψ Properties

<b>PURIFICATION:</b>	This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>CLONALITY:</b>	Polyclonal
<b>ISOTYPE:</b>	Rabbit Ig
<b>CONJUGATE:</b>	Unconjugated

<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	Supplied in PBS with 0.09% (W/V) sodium azide.
<b>CONCENTRATION:</b>	batch dependent
<b>STORAGE CONDITIONS:</b>	Store at 4 °C for three months and -20 °C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

## Additional Info

<b>OFFICIAL SYMBOL:</b>	FOLR3
<b>ALTERNATE NAMES:</b>	Folate receptor gamma, FR-gamma, Folate receptor 3, FOLR3
<b>ACCESSION NO.:</b>	P41439
<b>PROTEIN GI NO.:</b>	1169723
<b>GENE ID:</b>	2352
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.

## Background and References

<b>BACKGROUND:</b>	This gene encodes a member of the folate receptor (FOLR) family, members of which have a high affinity for folic acid and for several reduced folic acid derivatives, and mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This gene includes two polymorphic variants; the shorter one has two base deletion in the CDS, resulting in a truncated polypeptide, compared to the longer one. Both protein products are constitutively secreted in hematopoietic tissues and are potential serum marker for certain hematopoietic malignancies. The longer protein has a 71% and 79% sequence homology with the FOLR1 and FOLR2 proteins, respectively.
<b>REFERENCES:</b>	1) O'Byrne, M.R., et al. Birth Defects Res. PartClin. Mol. Teratol. 88(8):689-694(2010)
	2) Jugessur, A., et al. PLoS ONE(7), E11493 (2010) :
	3) Boyles, A.L., et al. Genet. Epidemiol. 33(3):247-255(2009)
	4) Franke, B., et al. Birth Defects Res. PartClin. Mol. Teratol. 85(3):216-226(2009)

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