



# Anti-FCN2 (full length) polyclonal antibody (DPABH-08421)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	May function in innate immunity through activation of the lectin complement pathway. Calcium-dependent and GlcNAc-binding lectin. Enhances phagocytosis of <i>S.typhimurium</i> by neutrophils, suggesting an opsonic effect via the collagen region.
<b>Immunogen</b>	Full length protein, corresponding to amino acids 1-313 of Human Ficolin 2 (NP_004099.2).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Whole antiserum
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IP
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Constituent: 99% Whole serum
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">FCN2 ficolin (collagen/fibrinogen domain containing lectin) 3 [ Homo sapiens ]</a>
<b>Official Symbol</b>	FCN2
<b>Synonyms</b>	FCN2; ficolin (collagen/fibrinogen domain containing lectin) 2; P35; FCNL; EBP-37; ficolin-2; ficolin-2; L-ficolin; ficolin B; ficolin-B; ficolin-beta; serum lectin p35; 37 kDa elastin-binding protein; collagen/fibrinogen domain-containing protein 2; ficolin (collagen/fibrinogen domain containing lectin) 2 (hucolin);
<b>Entrez Gene ID</b>	<a href="#">2220</a>
<b>Protein Refseq</b>	<a href="#">NP_004099.2</a>
<b>UniProt ID</b>	<a href="#">Q15485</a>
<b>Pathway</b>	Complement cascade; Ficolins bind to repetitive carbohydrate structures on the target cell surface; Initial triggering of complement; Lectin pathway of complement activation.
<b>Function</b>	antigen binding; calcium ion binding; calcium-dependent protein binding; carbohydrate binding