



# Anti-DIAP2 (C-terminal) polyclonal antibody (DPABH-27791)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Could be involved in oogenesis. Involved in the regulation of endosome dynamics. Implicated in a novel signal transduction pathway, in which isoform 3 and CSK are sequentially activated by RHOD to regulate the motility of early endosomes through interactions with the actin cytoskeleton.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH corresponding to C terminal amino acids of Mouse DIAPH2.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Rat, Rabbit, Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Constituents: 49% PBS, 50% Glycerol, 0.1% BSA
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at -20°C. Stable for 12 months at -20°C

# GENE INFORMATION

Gene Name	<a href="#">DIAP2 diaphanous homolog 3 (Drosophila) [ Mus musculus ]</a>
Official Symbol	DIAP2
Synonyms	DIAP2; diaphanous homolog 2 (Drosophila); Dia3; Drf2; Diaph2; E430022I22Rik; protein diaphanous homolog 2; mDia3 isoform; diaphanous-related formin-2;
Entrez Gene ID	<a href="#">54004</a>
Protein Refseq	<a href="#">NP_766081.1</a>
UniProt ID	<a href="#">Q6W4W7</a>
Pathway	Regulation of actin cytoskeleton; XPodNet - protein-protein interactions in the podocyte expanded by STRING.
Function	Rho GTPase binding; actin binding;