



# Anti-TIAM2 (aa 527-624) polyclonal antibody (DPAB-DC1284)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a guanine nucleotide exchange factor. A highly similar mouse protein specifically activates ras-related C3 botulinum substrate 1, converting this Rho-like guanosine triphosphatase (GTPase) from a guanosine diphosphate-bound inactive state to a guanosine triphosphate-bound active state. The encoded protein may play a role in neural cell development. Alternatively spliced transcript variants encoding different isoforms have been described.
<b>Immunogen</b>	TIAM2 (NP_001010927, 527 a.a. ~ 624 a.a) partial recombinant protein with GST tag. The sequence is DVHPEAEQQPGPESGEGQKGGEQPKLVRGHFCPIKRKANSTKRDRGTLTKAQIRHQSLDS QSENATIDLNSVLEREFVQSLTSVVSEECFYETESHG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<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="#">TIAM2 T-cell lymphoma invasion and metastasis 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	TIAM2
<b>Synonyms</b>	TIAM2; T-cell lymphoma invasion and metastasis 2; STEF; TIAM-2; T-lymphoma invasion and metastasis-inducing protein 2; SIF and TIAM1-like exchange factor;
<b>Entrez Gene ID</b>	<a href="#">26230</a>
<b>Protein Refseq</b>	<a href="#">NP_001010927</a>
<b>UniProt ID</b>	<a href="#">Q8IVF5</a>
<b>Chromosome Location</b>	6q25.2
<b>Pathway</b>	Cell death signalling via NRAGE, NRIF and NADE; G alpha (12/13) signalling events; Metabolism; NRAGE signals death through JNK.
<b>Function</b>	GTPase activator activity; Rho guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity; receptor signaling protein activity