



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

Antigen Description	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.
Immunogen	TIAM2 (NP_001010927, 527 a.a. ~ 624 a.a) partial recombinant protein with GST tag. The sequence is DVHPEAEQQPGPESGEGQKGGEQPKLVRGHFCPIKRKANSTKDRGTLKAQIRHQSLDS QSENAATIDLNSVLEREFQVQSLTSVSEECFYETESHG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	TIAM2 T-cell lymphoma invasion and metastasis 2 [Homo sapiens (human)]
Official Symbol	TIAM2
Synonyms	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;
Entrez Gene ID	26230
Protein Refseq	NP_001010927
UniProt ID	Q8IVF5
Chromosome Location	6q25.2
Pathway	Cell death signalling via NRAGE, NRIF and NADE; G alpha (12/13) signalling events; Metabolism; NRAGE signals death through JNK.
Function	GTPase activator activity; Rho guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity; receptor signaling protein activity
