



Anti-MARCH4 (aa 321-410) polyclonal antibody (DPAB-DC2598)

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

PRODUCT INFORMATION

Antigen Description	MARCH4 is a member of the MARCH family of membrane-bound E3 ubiquitin ligases (EC 6.3.2.19). MARCH enzymes add ubiquitin (see MIM 191339) to target lysines in substrate proteins, thereby signaling their vesicular transport between membrane compartments. MARCH4 reduces surface accumulation of several membrane glycoproteins by directing them to the endosomal compartment (Bartee et al., 2004 [PubMed 14722266]).[supplied by OMIM, Apr 2010]
Immunogen	40972 (NP_065865, 321 a.a. ~ 410 a.a) partial recombinant protein with GST tag. The sequence is KDLEDQKAGGRNPNRTSSSTQANIPSSSEETAGTPAPEQGPAQAAGHPGSLSHHHCAYT ILHILSHLRPHEQRSPPGSSRELVMRVTTV
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	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	MARCH4 membrane-associated ring finger (C3HC4) 4, E3 ubiquitin protein ligase [Homo sapiens (human)]
Official Symbol	MARCH4
Synonyms	MARCH4; membrane-associated ring finger (C3HC4) 4, E3 ubiquitin protein ligase; RNF174; MARCH-IV; E3 ubiquitin-protein ligase MARCH4; RING finger protein 174; membrane-associated RING-CH protein IV; membrane-associated RING finger protein 4;
Entrez Gene ID	57574
Protein Refseq	NP_065865
UniProt ID	Q9P2E8
Chromosome Location	2q35
Function	ligase activity; ubiquitin-protein transferase activity; zinc ion binding;