



Anti-AMOT (aa 361-460) polyclonal antibody (DPAB-DC682)

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

PRODUCT INFORMATION

Antigen Description	This gene belongs to the motin family of angiostatin binding proteins characterized by conserved coiled-coil domains and C-terminal PDZ binding motifs. The encoded protein is expressed predominantly in endothelial cells of capillaries as well as larger vessels of the placenta where it may mediate the inhibitory effect of angiostatin on tube formation and the migration of endothelial cells toward growth factors during the formation of new blood vessels. Alternative splicing results in multiple transcript variants encoding different isoforms.
Immunogen	AMOT (NP_573572, 361 a.a. ~ 460 a.a) partial recombinant protein with GST tag. The sequence is RKEPSKTEQLSCMRPAKSLMSISNAGSGLLSHSSTLTGSPIMEEKRDDKSWKGSLGILLG GDYRAEYVPSTPSPVPPSTPLLSAHSKTGSRDCSTQTERG
Source/Host	Mouse
Species Reactivity	Human, Mouse
Conjugate	Unconjugated
Applications	WB (Cell lysate), 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	AMOT angiomin [Homo sapiens (human)]
Official Symbol	AMOT
Synonyms	AMOT; angiomin; angiomin p80 isoform; angiomin p130 isoform;
Entrez Gene ID	154796
Protein Refseq	NP_001106962
UniProt ID	Q4VCS5
Chromosome Location	Xq23
Pathway	Hippo signaling pathway; Signal Transduction;
Function	angiostatin binding; protein binding; receptor activity;