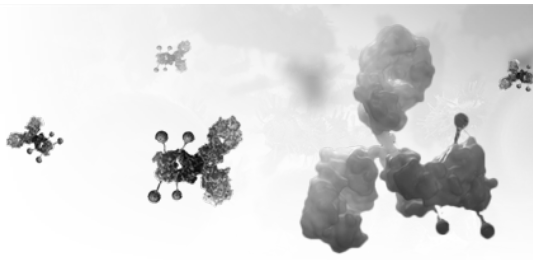

Mouse anti-Human EIF6 polyclonal antibody (DPAB-DC1747)

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

PRODUCT INFORMATION

Antigen Description	Hemidesmosomes are structures which link the basal lamina to the intermediate filament cytoskeleton. An important functional component of hemidesmosomes is the integrin beta-4 subunit (ITGB4), a protein containing two fibronectin type III domains. The protein encoded by this gene binds to the fibronectin type III domains of ITGB4 and may help link ITGB4 to the intermediate filament cytoskeleton. The encoded protein, which is insoluble and found both in the nucleus and in the cytoplasm, can function as a translation initiation factor and prevent the association of the 40S and 60S ribosomal subunits. Multiple non-protein coding transcript variants and variants encoding two different isoforms have been found for this gene.
Immunogen	ITGB4BP (NP_002203, 146 a.a. ~ 245 a.a) partial recombinant protein with GST tag. The sequence is VLVGSYCVFSNQGGLVHPKTSIEDQDELSSLLQVPLVAGTVNRGSEVIAAGMVVNDWCAF CGLDTTSTELSVVESVFKLNEAQPSTIATSMRDSLIDSLT
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.

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GENE INFORMATION

Gene Name	EIF6 eukaryotic translation initiation factor 6 [Homo sapiens (human)]
Official Symbol	EIF6
Synonyms	EIF6; eukaryotic translation initiation factor 6; CAB; EIF3A; eIF-6; p27BBP; ITGB4BP; b(2)gcn; p27(BBP); B4 integrin interactor; p27 beta-4 integrin-binding protein; eukaryotic translation initiation factor 3A;
Entrez Gene ID	3692
Protein Refseq	NP_001254739
UniProt ID	P56537
Chromosome Location	20q12
Pathway	Alpha6-Beta4 Integrin Signaling Pathway; Ribosome biogenesis in eukaryotes;
Function	protein binding; ribosomal large subunit binding; ribosome binding; translation initiation factor activity

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