www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

MON2 Rabbit pAb

Catalog Number:	bs-17713R
Target Protein:	MON2
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500), ELISA (1:5000-10000)
Reactivity:	(predicted:Human, Mouse, Rat, Rabbit, Dog, Horse)
Predicted MW:	190 kDa
Entrez Gene:	23041
Swiss Prot:	Q7Z3U7
Source:	KLH conjugated synthetic peptide derived from human MON2: 1601-1700/1717.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	MON2 is a 1,718 amino acid protein that exists as multiple alternatively spliced isoforms and plays an important role in membrane trafficking. Related to the guanine nucleotide exchange factors (GEFs), MON2 shares significant homology with BIG as well as the GBF (Golgi brefeldin A resistance factor) subfamilies of proteins. MON2 acts as a scaffold protein when associated with Dopey-1, a large cytoplasmic protein involved in trafficking between the late golgi and early endosomes. MON2 is homologous to the yeast protein and is encoded by a gene located on human chromosome 12, which encodes over 1,100 genes and comprises approximately 4.5% of the human genome. Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis, Kniest dysplasia, Noonan syndrome and trisomy 12p, which causes facial developmental defects and seizure disorders.