

## Product datasheet

# Anti-alpha+beta SNAP antibody [6B7-3] ab69742

### 製品の概要

製品名	Anti-alpha+beta SNAP antibody [6B7-3]
製品の詳細	Mouse monoclonal [6B7-3] to alpha+beta SNAP
由来種	Mouse
特異性	This antibody detects a doublet of 35 and 36 kDa proteins, corresponding to the apparent molecular mass of alpha + beta SNAP.
アプリケーション	<b>適用あり:</b> WB, IP
種交差性	<b>交差種:</b> Mouse, Rat, Hamster, Cow, Dog, Human
免疫原	Recombinant full length bovine alpha SNAP protein expressed in E coli
ポジティブ・コントロール	Rat brain tissue extract and mouse brain tissue extract.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.20 Constituents: 50% Glycerol, 0.00174% PMSF, PBS
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	6B7-3
アイソタイプ	IgG1
軽鎖の種類	kappa

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab69742** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1.5 µg/ml. Predicted molecular weight: 38 kDa.

アプリケーション	Abreviews	特記事項
IP		Use at an assay dependent dilution.

## ターゲット情報

<b>関連性</b>	Alpha, beta and gamma SNAPs, also known as soluble NSF attachment proteins, have apparent molecular weights on SDS PAGE of 35, 36 and 39 kDa, respectively. SNAP proteins mediate the association of NSF to membranes during vesicle fusion reaction, and play a prominent role in synaptic vesicle fusion. In addition, beta SNAP interacts with synaptotagmin and may be involved in calcium regulated exocytosis. SNAP was identified as being required for vesicle fusion in intra Golgi transport reaction in vitro. Alpha SNAP mediates the association of NSF to membranes during vesicle fusion reaction, and plays a prominent role and in synaptic vesicle fusion. Together with synaptotagmin and NSF, alpha SNAP modulates the interaction of SNAP25, VAMP, and syntaxin in, an ATP dependent manner, to form a complex with a sedimentation coefficient of 20 S. This complex may represent an intermediate involved in synaptic vesicle docking and fusion.
<b>細胞内局在</b>	Cytoplasmic peripheral membrane protein.

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