Datasheet for ABIN678503

anti-eGFP antibody (AA 1-238)

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Overview

Quantity:	100 µL
Target:	eGFP
Binding Specificity:	AA 1-238
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This eGFP antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Purified EGFP synthetic protein homologous to EGFP naturally occurring in Aequorea victoria
Isotype:	IgG
Specificity:	This antibody will work best with EGFP that has a similar amino acid make-up as that of Aequorea Victoria.
Cross-Reactivity:	Human, Rat, Tag
Cross-Reactivity (Details):	EGFP protein
Characteristics:	Antibody is specific for: EGFP protein
Purification:	Purified by Protein A.

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Target Details

Target:	eGFP
Alternative Name:	Egfp (eGFP Products)
Background:	Synonyms: Enhanced Green Fluorescent Protein. Background: The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment.

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

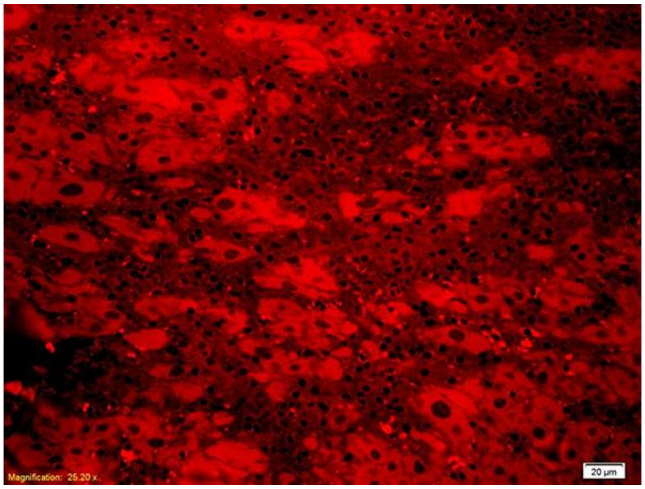
Product cited in:	Yoshida, Hamuy, Hamada, Yoshimoto, Hirano, Akita: "Adipose-derived stem cell transplantation for therapeutic lymphangiogenesis in a mouse secondary lymphedema model." in: **Regenerative medicine**, Vol. 10, Issue 5, pp. 549-62, (2015) (PubMed). Xie, Zhang, Yuan, Yang, Ding, Huang, Wu: "Is X-linked methyl-CpG binding protein 2 a new target for the treatment of Parkinson's disease." in: **Neural regeneration research**, Vol. 8, Issue 21, pp.

Publications

1948-57, (2014) (PubMed).

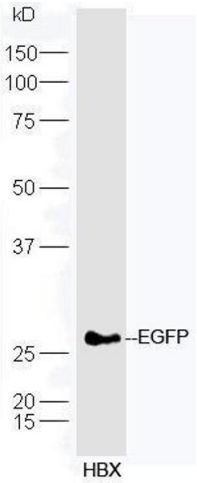
Peng, Yuan, Tan, Ma, Bian, Xu, He, Cao, Huang, Cui, Gan, Wang, Zhou, Hu, Yang, Luo, Wu: " Identification of ITGB4BP as a new interaction protein of P311." in: **Life sciences**, Vol. 90, Issue 15-16, pp. 585-90, (2012) (PubMed).

Images



Immunofluorescence

Image 1. Formalin-fixed and paraffin embedded rat liver labeled with Anti-EGFP Polyclonal Antibody, Unconjugated (ABIN678503) at 1:300 followed by conjugation to the secondary antibody



Western Blotting

Image 2. Transfected HBX cells probed with Anti-EGFP Polyclonal Antibody, Unconjugated at 1:5000 90min in 37˚C.