

DETECTION OF ACTIVE G PROTEINS

NewEast Biosciences, headquartered in King of Prussia, USA, produces antibodies, proteins and assay kits with a strong focus on G protein research.

Easy, direct, significant

Tools for the direct measurement of active G proteins are often rare or not available. NewEast Biosciences antibodies and assay kits cover many of the key proteins in G protein research. They offer significant, reliable results and consistent reproducibility, saving you time and advancing your research.

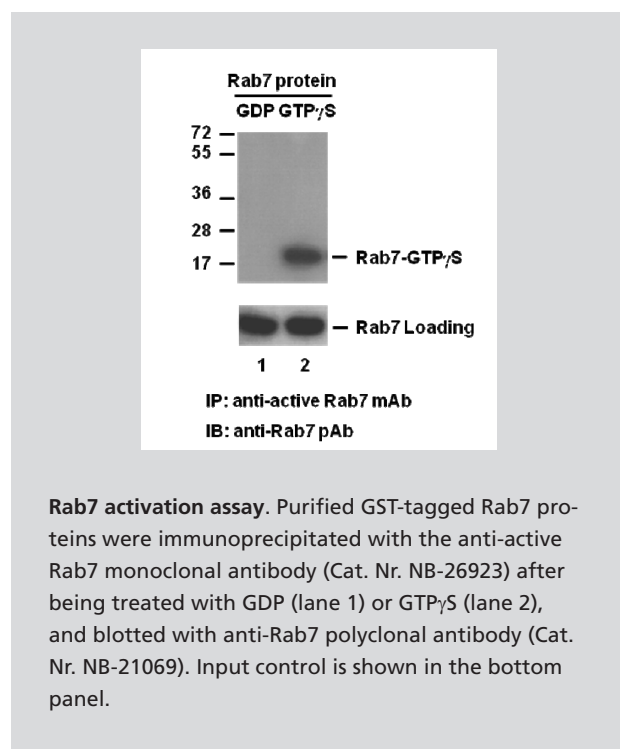
Antibodies against active G proteins

The configuration-specific monoclonal antibodies only recognize the GTP-bound, active form of the relevant G protein. All antibodies have been tested and certified for different applications, e.g. immunohistochemistry or immunoprecipitation.

G protein activation assay kits

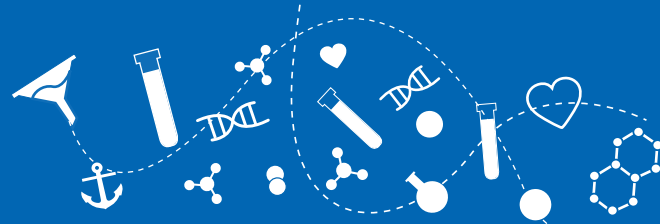
NewEast Biosciences G protein activation assay kits are immunoprecipitation/western blot assays to measure the levels of active GTP-bound G proteins, either from cell extracts or from *in vitro* GTP γ S loaded G proteins.

Briefly, the anti-active G protein monoclonal antibody binds specifically to the active G protein. This antibody/G protein complex is pulled down by protein A/G agarose. The precipitated active G proteins can then be detected by immunoblots with another anti-G protein antibody.



Rab7 activation assay. Purified GST-tagged Rab7 proteins were immunoprecipitated with the anti-active Rab7 monoclonal antibody (Cat. Nr. NB-26923) after being treated with GDP (lane 1) or GTP γ S (lane 2), and blotted with anti-Rab7 polyclonal antibody (Cat. Nr. NB-21069). Input control is shown in the bottom panel.

The English entrance to the product world of Biomol: www.biomol.com



NEWEAST BIOSCIENCES PRODUCT LIST

ANTIBODIES AGAINST ACTIVE G PROTEINS

Host Mouse Mab · Size 30 µl · € 669

ANTIBODY	CAT. NR.	APPLICATIONS	ANTIBODY	CAT. NR.	APPLICATIONS
Anti-Active Arf6	NB-26918	IP, IHC	Anti-Active Rab4A	NB-26921	IP, IHC
Anti-Active Arl1	NB-26924	IP, IHC, IF	Anti-Active Rab5	NB-26911	IP, IHC
Anti-Active Arl3	NB-26925	IP, IHC, IF	Anti-Active Rab7	NB-26923	IP, IHC, IF
Anti-Active Cdc42	NB-26905	IP, IHC	Anti-Active Ran	NB-26915	IP, IHC
Anti-Active Gα13-GTP	NB-26902	IP, IHC	Anti-Active Rac-GTP	NB-26903	IP, IHC
Anti-Active Gαi	NB-26901	IP, IHC	Anti-Active Ral	NB-26913	IP, IHC
Anti-Active Gαo	NB-26907	IP, IHC	Anti-Active Rap1	NB-26912	IP, IHC
Anti-Active Gαs	NB-26906	IP, IHC	Anti-Active Ras	NB-26909	IP, IHC
Anti-Active Gαz	NB-26908	IP, IHC	Anti-Active RheB	NB-26910	IP, IHC
Anti-Active Rab11	NB-26919	IP, IHC	Anti-Active RhoA	NB-26904	IP, IHC
Anti-Active Rab3	NB-26920	IP, IHC, IF	Anti-Active Sar1	NB-26916	IP, IHC
Anti-Active Rab35	NB-26922	IP, IHC, IF			

G PROTEIN ACTIVATION ASSAY KITS

Size 20 Assays · € 861

KIT	CAT. NR.	KIT	CAT. NR.
Arf6 Activation Assay Kit	NB-82401	Rab7 Activation Assay Kit	NB-82501
Arl1 Activation Assay Kit	NB-82901	Rab5A Activation Assay Kit	NB-81301
Arl3 Activation Assay Kit	NB-83001	Rab5B Activation Assay Kit	NB-83401
Cdc42 Activation Assay Kit	NB-80701	Rab5C Activation Assay Kit	NB-83501
Gα13 Activation Assay Kit	NB-80401	Rac Activation Assay Kit	NB-80501
Gαi Activation Assay Kit	NB-80301	Ran Activation Assay Kit	NB-81701
Gαo Activation Assay Kit	NB-80901	Rap1 Activation Assay Kit	NB-81401
Gαs Activation Assay Kit	NB-80801	RalA Activation Assay Kit	NB-83601
Gαz Activation Assay Kit	NB-81001	RalB Activation Assay Kit	NB-81501
Rab11 Activation Assay Kit	NB-83201	Ras Activation Assay Kit	NB-81101
Rab3 Activation Assay Kit	NB-82601	RheB Activation Assay Kit	NB-81201
Rab35 Activation Assay Kit	NB-82801	RhoA Activation Assay Kit	NB-80601
Rab4A Activation Assay Kit	NB-82701	Sar1 Activation Assay Kit	NB-81801
Rab5 Activation Assay Kit	NB-83701		

Alle Preise zzgl. MwSt. und Versandkosten. Preisänderungen und Irrtümer vorbehalten. 07/2017