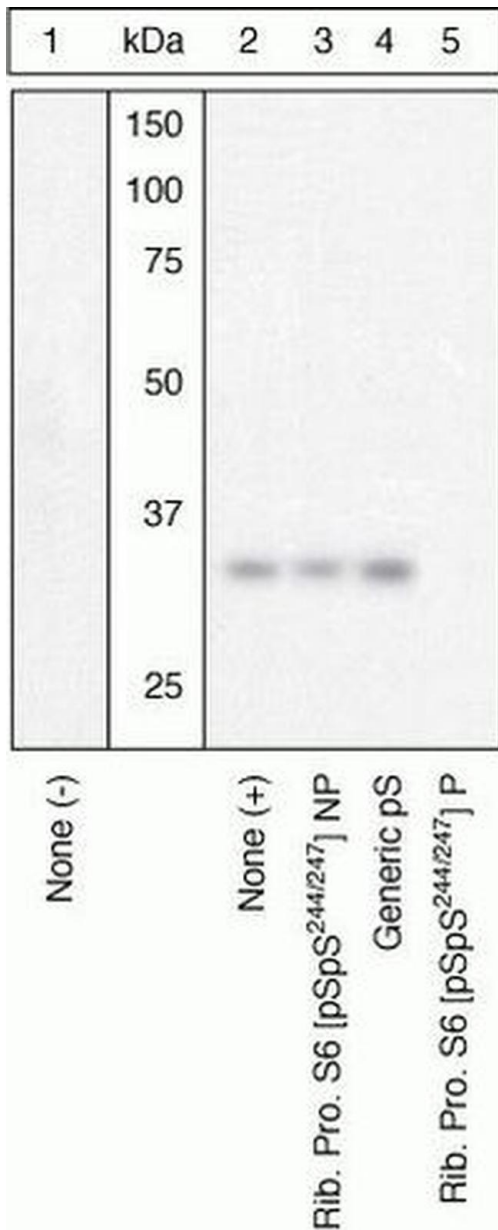


Phospho-S6 (Ser244, Ser247) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Mouse, Human, Xenopus
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from the region of human RPS6 that contains serines 244 and 247. The sequence is conserved in mouse and rat.
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	Dulbecco's PBS, pH 7.3, with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	-20°C
RRID	AB_2533798

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (IHC)	-	6 Publications
Immunohistochemistry (Frozen) (IHC (F))	-	2 Publications
Immunohistochemistry - Free Floating (IHC (Free))	-	1 Publication
Immunoprecipitation (IP)	-	1 Publication
In Situ Hybridization (ISH) (ISH)	-	1 Publication
Miscellaneous PubMed (Misc)	-	2 Publications

Product Images For Phospho-S6 (Ser244, Ser247) Polyclonal Antibody



Phospho-S6 (Ser244, Ser247) Antibody (44-923G) in WB

Peptide Competition. Lysates prepared from HeLa cells left untreated (1) or treated with TNF-alpha (2-5) were resolved by SDS-PAGE on a 14% polyacrylamide gel and transferred to PVDF. Membranes were blocked with a 5% BSA-TBST buffer for one hour at room temperature, and incubated with ribosomal protein S6 (pSpS244/247) antibody for two hours at room temperature in a 3% BSA-TBST buffer, following prior incubation with: no peptide (1, 2), the non-phosphopeptide corresponding to the immunogen (3), a generic phosphoserine-containing peptide (4), or the phosphopeptide immunogen (5). After washing, membranes were incubated with goat F (ab')₂ anti-rabbit IgG HRP conjugate (Product # ALI4404) and bands were detected using the Pierce SuperSignal™ method. The data show that only the peptide corresponding to ribosomal protein S6 (pSpS244/247) blocks the signal, verifying the specificity of the antibody.

Immunohistochemistry (6)

Scientific reports

Peripheral oxytocin injection modulates vomeronasal sensory activity and reduces pup-directed aggression in male mice.

"Published figure using Phospho-S6 (Ser244, Ser247) polyclonal antibody (Product # 44-923G) in Immunohistochemistry"

Authors: Nakahara TS, Camargo AP, Magalhães PHM, Souza MAA, Ribeiro PG, Martins-Netto PH, Carvalho VMA, José J, Papes F

Species
Mouse
Not Applicable

Dilution
1:200
Not Cited

Year
2020

Physiology & behavior

Neural correlates of winning and losing fights in poison frog tadpoles.

"44-923G was used in Immunohistochemistry to suggest the neural correlates of aggression in poison frog tadpoles are similar to neural mechanisms mediating aggression in adults and juveniles of other vertebrate taxa."

Authors: Fischer EK, Alvarez H, Lagerstrom KM, McKinney JE, Petrillo R, Ellis G, O'Connell LA

Species
Xenopus

Dilution
1:500

Year
2020

[View more IHC references on thermofisher.com](#)

Immunohistochemistry (Frozen) (2)

eLife

Semiochemical responsive olfactory sensory neurons are sexually dimorphic and plastic.

"44-923G was used in Immunohistochemistry (Frozen) to generate a robust sexually dimorphic phenotype in the main olfactory epithelium."

Authors: Vihani A, Hu XS, Gundala S, Koyama S, Block E, Matsunami H

Species
Mouse

Dilution
1:300

Year
2020

eLife

Olfactory receptor accessory proteins play crucial roles in receptor function and gene choice.

"44923G was used in immunohistochemistry - frozen section to uncover the role of the receptor transporting protein family in G protein-coupled olfactory receptor expression and trafficking in olfactory sensory neurons"

Authors: Sharma R, Ishimaru Y, Davison I, Ikegami K, Chien MS, You H, Chi Q, Kubota M, Yohda M, Ehlers M, Matsunami H

Species
Mouse

Dilution
1:200

Year
2017

More applications with references on thermofisher.com

[IHC \(Free\) \(1\)](#) [IP \(1\)](#) [ISH \(1\)](#) [Misc \(2\)](#)

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