

Product datasheet

Anti-TAOK2 + TAOK1 + TAOK3 (phospho S177 + S181 + S181) antibody [EPR4883] ab124841

Recombinant RabMAb

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Overview

Product name	Anti-TAOK2 + TAOK1 + TAOK3 (phospho S177 + S181 + S181) antibody [EPR4883]
Description	Rabbit monoclonal [EPR4883] to TAOK2 + TAOK1 + TAOK3 (phospho S177 + S181 + S181)
Host species	Rabbit
Specificity	<p>ab124841 recognizes Human TAOK1 when phosphorylated at Serine 181, TAOK2 when phosphorylated at Serine 181 and TAOK3 when phosphorylated at Serine 177.</p> <p>ab124841 cross reactivates with MEK1 due to high immunogen homology.</p> <p>The antibody is detecting TAOK2 + TAOK1 + TAOK3 at around 138 kDa and MAP2K1 at around 44kDa.</p>
Tested applications	<p>Suitable for: WB</p> <p>Unsuitable for: IHC-P</p>
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 59% PBS</p>

Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR4883
Isotype	IgG

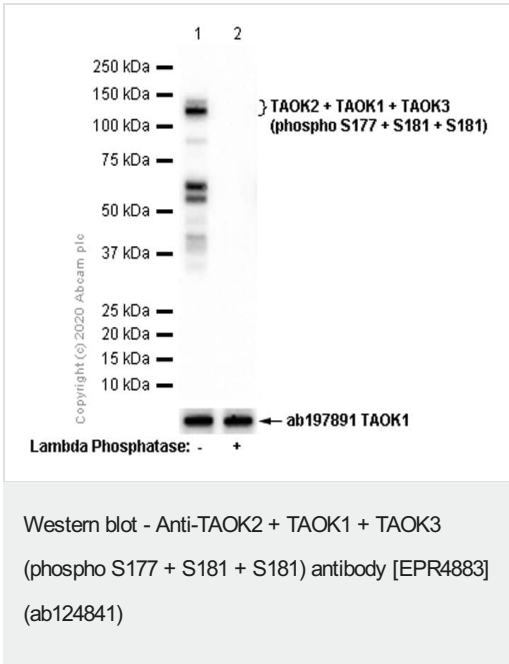
Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab124841 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 138 kDa.

Application notes Is unsuitable for IHC-P.

Images



All lanes : Anti-TAOK2 + TAOK1 + TAOK3 (phospho S177 + S181 + S181) antibody [EPR4883] (ab124841) at 1/10000 dilution (Purified)

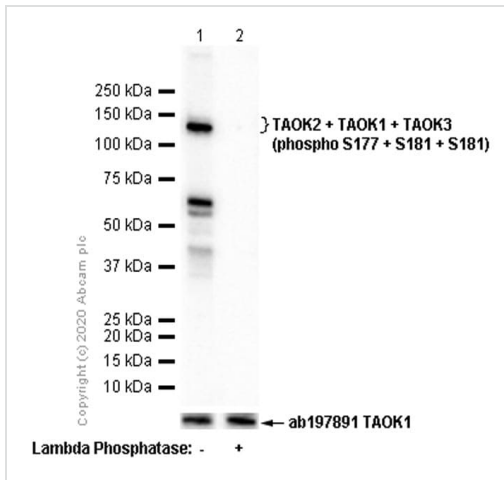
Lane 1 : Rat brain lysate
Lane 2 : Rat brain lysate, then the membrane treated with Lambda Phosphatase

Lysates/proteins at 15 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 138 kDa
Observed band size: 110-140 kDa

We are unsure about the nature of the extra bands. Bands at 110 to 140.



Western blot - Anti-TAOK2 + TAOK1 + TAOK3
(phospho S177 + S181 + S181) antibody [EPR4883]
(ab124841)

All lanes : Anti-TAOK2 + TAOK1 + TAOK3 (phospho S177 + S181 + S181) antibody [EPR4883] (ab124841) at 1/10000 dilution
(Purified)

Lane 1 : Mouse brain lysate

Lane 2 : Mouse brain lysate, then the membrane treated with
Lambda Phosphatase

Lysates/proteins at 15 µg per lane.

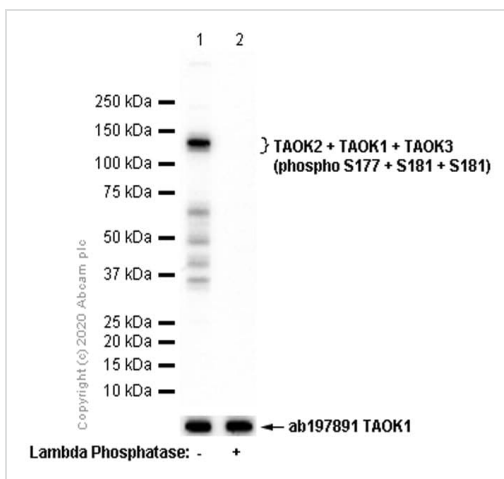
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 138 kDa

Observed band size: 110-140 kDa

We are unsure about the nature of the extra bands. Bands at 110 to 140.



Western blot - Anti-TAOK2 + TAOK1 + TAOK3
(phospho S177 + S181 + S181) antibody [EPR4883]
(ab124841)

All lanes : Anti-TAOK2 + TAOK1 + TAOK3 (phospho S177 + S181 + S181) antibody [EPR4883] (ab124841) at 1/10000 dilution
(Purified)

Lane 1 : HEK-293 (Human embryonic kidney epithelial cell) whole cell lysate

Lane 2 : HEK-293 (Human embryonic kidney epithelial cell) whole cell lysate, then the membrane treated with Lambda Phosphatase

Lysates/proteins at 15 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 138 kDa

Observed band size: 110-140 kDa

We are unsure about the nature of other bands. Bands at 110 to 140.

Why choose a recombinant antibody?

 Research with confidence Consistent and reproducible results	 Long-term and scalable supply Recombinant technology
 Success from the first experiment Confirmed specificity	 Ethical standards compliant Animal-free production

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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