

Product datasheet

Anti-GFR alpha 3/GFRA3 antibody ab205361

2 Images

Overview

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<b>Product name</b>	Anti-GFR alpha 3/GFRA3 antibody
<b>Description</b>	Chicken polyclonal to GFR alpha 3/GFRA3
<b>Host species</b>	Chicken
<b>Specificity</b>	ab205361 doesn't cross-react with hGFRa-1, hGFRa-2, hGFRa-4
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length protein (His-tag) corresponding to Human GFR alpha 3/GFRA3. Produced using CHO-based proprietary suspension cell line. Protein was purified by Ni-affinity chromatography following gel-filtration from cell culture supernatant. Database link: <a href="#">O60609</a>
<b>Positive control</b>	U2OS cells; His tagged GFR alpha 3/GFRA3 protein.
<b>General notes</b>	This product was previously labelled as GFR alpha 3

Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Constituent: 100% PBS  As product is (NH4)2SO4 precipitate, mix well by pipetting or vortexing prior use.
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgY

Applications

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Our [Abpromise guarantee](#) covers the use of **ab205361** in the following tested applications.

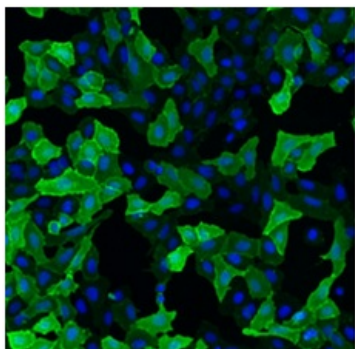
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 44 kDa.
ICC/IF		Use a concentration of 0.3 - 0.67 µg/ml.

## Target

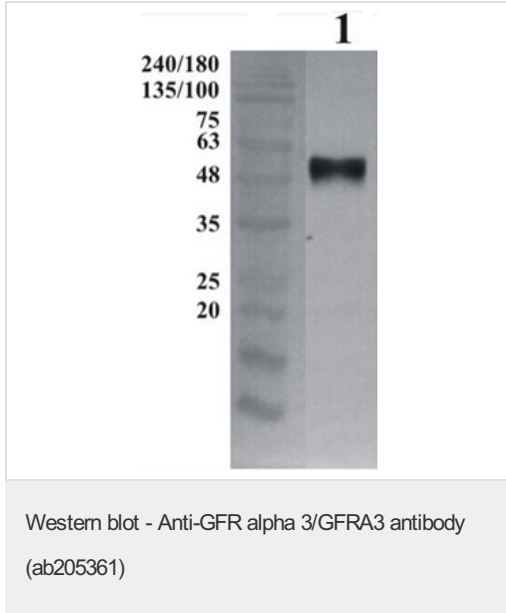
<b>Function</b>	Receptor for the glial cell line-derived neurotrophic factor, ARTN (artemin). Mediates the artemin-induced autophosphorylation and activation of the RET receptor tyrosine kinase.
<b>Tissue specificity</b>	Widely expressed in adult and fetus which exhibit a similar pattern. Essentially not expressed in the central nervous system, but highly expressed in several sensory and sympathetic ganglia of the peripheral nervous system. Moderate expression in many non-neuronal tissues, particularly those of the digestive and urogenital systems, but high expression in stomach and appendix. Several types of glandular tissues show low expression. Very low or no expression detected in the hematopoietic system.
<b>Sequence similarities</b>	Belongs to the GDNFR family.
<b>Post-translational modifications</b>	N-glycosylated.
<b>Cellular localization</b>	Cell membrane.

## Images



Immunofluorescent analysis of U2OS cells labeling GFR alpha 3/GFRA3 using ab205361 at 1/3000. Goat anti-chicken IgY - H&L DyLight 550 ([ab96952](#)) at 1/200 dilution was used as secondary antibody. For nuclear staining DAPI was used.

Immunocytochemistry/ Immunofluorescence - Anti-GFR alpha 3/GFRA3 antibody (ab205361)



Anti-GFR alpha 3/GFRA3 antibody (ab205361) at 1/5000 dilution + His tagged GFR alpha 3/GFRA3 protein at 0.1 µg

**Secondary**

Rabbit anti-chicken antibody

**Predicted band size:** 44 kDa

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

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