abcam

Product datasheet

Anti-RON (phospho S1394) antibody ab61007

1 Image

Overview

Product name	Anti-RON (phospho S1394) antibody
Description	Rabbit polyclonal to RON (phospho S1394)
Host species	Rabbit
Specificity	Detects endogenous levels of RON only when phosphorylated at serine 1394.
Tested applications	**Suitable for:** WB, ELISA
Species reactivity	**Reacts with:** Human
	Predicted to work with: Mouse ⚠
Immunogen	Synthetic phosphopeptide derived from human RON around the phosphorylation site of serine 1394 (P-L-S^P-E-P)
Positive control	WB: extracts from HeLa cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg^{2+}and Ca^{2+}), 150mM Sodium chloride, pH 7.4
Purity	Immunogen affinity purified
Purification notes	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site
Clonality	Polyclonal
Isotype	IgG

Applications

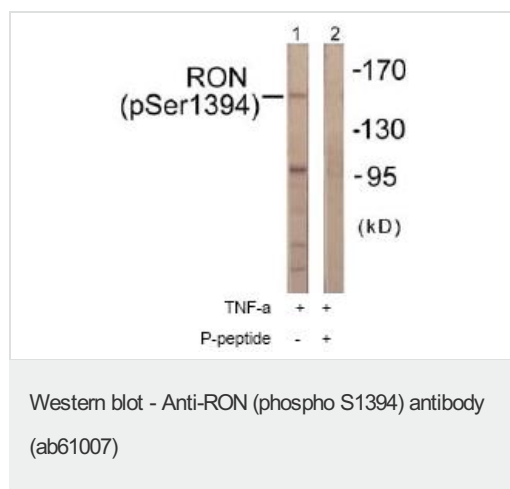Our Abpromise guarantee covers the use of **ab61007** in the following tested applications.

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

Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 152 kDa (predicted molecular weight: 152 kDa).
ELISA		1/40000.

Target

Function	Receptor for macrophage stimulating protein (MSP). Has a tyrosine-protein kinase activity.
Tissue specificity	Keratinocytes and lung.
Sequence similarities	Belongs to the protein kinase superfamily. Tyr protein kinase family.
	Contains 3 IPT/TIG domains.
	Contains 1 protein kinase domain.
	Contains 1 Sema domain.
Post-translational modifications	Proteolytic processing yields the two subunits.
	Phosphorylated in response to ligand binding.
Cellular localization	Membrane.

Images

Western blot - Anti-RON (phospho S1394) antibody (ab61007)

All lanes : Anti-RON (phospho S1394) antibody (ab61007) at 1/500 dilution

Lane 1 : extracts from HeLa cells, treated with TNF-a (20ng/ml, 2mins)
Lane 2 : extracts from HeLa cells, treated with TNF-a (20ng/ml, 2mins) with immunizing phosphopeptide

Predicted band size: 152 kDa
Observed band size: 152 kDa
Additional bands at: 100 kDa. We are unsure as to the identity of these extra bands.

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