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anti-MAPK15 antibody (N-Term)

3 Images



Publication



Go to Product page

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Background:

Quantity:	400 μL	
Target:	MAPK15	
Binding Specificity:	AA 32-61, N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	This MAPK15 antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 32-61 amino acids from the N-terminal region of human MAPK15.	
Clone:	RB12573	
Isotype:	lg Fraction	
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by	
	dialysis against PBS.	
Target Details		
Target:	MAPK15	
	MAPK15 (ERK8) (MAPK15 Products)	

The ERKs are a subfamily of the MAPKs that have been implicated in cell growth and

differentiation. Extracellular signal-regulated kinase 8 (Erk8) is a large MAP kinase whose

Target Details

activity is controlled by serum and the c-Src non-receptor tyrosine kinase. ERK8 down-regulates $$
transactivation of the glucocorticoid receptor through Hic-5 and can negatively regulate
transcriptional co-activation of androgen receptor and GRalpha by Hic-5 in a kinase-
independent manner, suggesting a broader role for ERK8 in the regulation of nuclear receptors
beyond estrogen receptor alpha. Erk8 is a novel effector of RET/PTC3 and, therefore, RET
biological functions.

Molecular Weight:	59832
Gene ID:	225689
NCBI Accession:	NP_620590

UniProt: Q8TD08

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

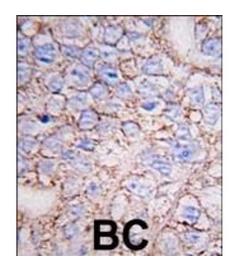
Handling

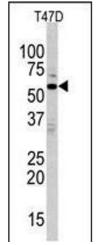
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

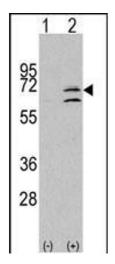
Publications

Product cited in:

Sadeghi, Ullenhag, Wagenius, Tötterman, Eriksson: "Rapid expansion of T cells: Effects of culture and cryopreservation and importance of short-term cell recovery." in: **Acta oncologica** (Stockholm, Sweden), Vol. 52, Issue 5, pp. 978-86, (2013) (PubMed).







Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with ERK8 antibody (Nterm) (ABIN391796 and ABIN2841651), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of anti-ERK8 Antibody (Nterm) (ABIN391796 and ABIN2841651) in T47D cell line lysates (35 μ g/lane). ERK8 (arrow) was detected using the purified Pab.

Western Blotting

Image 3. Western blot analysis of ERK8 (arrow) using rabbit polyclonal ERK8 Antibody (N-term) (ABIN391796 and ABIN2841651). 293 cell lysates (2 μg/lane) either nontransfected (Lane 1) or transiently transfected with the PK15 gene (Lane 2) (Origene Technologies).