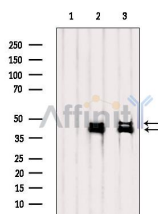


## ERK1/2 Ab

[References\(9\)](#) [Images\(8\)](#)

Cat.#: AF6240	Concn.: ~1mg/ml	Mol.Wt.: 44kDa,42kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000 *The optimal dilutions should be determined by the end user.
Reactivity:	Human,Mouse,Rat
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Immunogen:	A synthesized peptide derived from human ERK1/2, corresponding to a region within the internal amino acids.
Uniprot:	P27361/P28482
Description:	p42 MAP kinase plays a critical role in the regulation of cell growth and differentiation. Activated by a wide variety of extracellular signals including growth and neurotrophic factors, cytokines, hormones and neurotransmitters.



Western blot analysis of extracts from various samples, using ERK1/2 Ab.  
Lane 1: HeLa treated with blocking peptide;  
Lane 2: HeLa;  
Lane 3: 3T3.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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