

Product Datasheet

Anti-Actin-pan Antibody (orb515479)

Description	Rabbit polyclonal antibody to ACTA2
Species/Host	Rabbit
Reactivity	Human, Mouse, Porcine, Rat, Sheep, Zebrafish
Conjugation	Unconjugated
Tested Applications	IH, WB
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Actin-pan. The exact sequence is proprietary.
Target	ACTA2
Preservatives	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Form/Appearance	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Clonality	Polyclonal
Antibody Type	Primary Antibody
Source	Rabbit
Uniprot ID	P62737, Q562R1, P68032, P63267, P63261, P62736, P60709, P62738, P68133
Entrez	11475, 81633, 59

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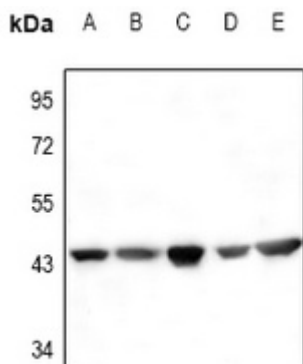
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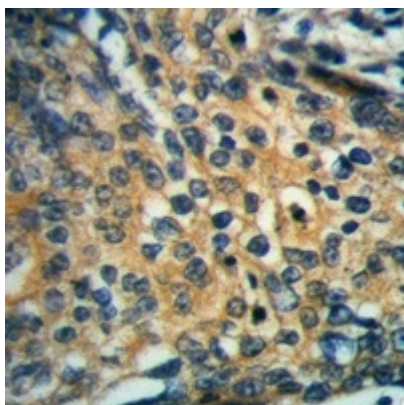
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Dilution Range WB: 1:500-1000

Expiration Date 12 months from date of receipt.



Western blot analysis of Actin-pan expression in Hela (A), mouse kidney (B), rat ovary (C), HEK293T (D), A2780 (E) whole cell lysates. (Predicted band size: 41; 42 kD; Observed band size: 45 kD)



Immunohistochemical analysis of Actin-pan staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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