PRODUCT SPECIFICATION

Product Name	Anti-SMAD4
Product Number	HPA019154
Gene Description	SMAD family member 4
Alternative Names	DPC4, MADH4
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Antigen Sequence	AFDLKCDSVCVNPYHYERVVSPGIDLSGLTLQSNAPSSMMVKDEYVHDFE GQPSLSTEGHSIQTIQHPPSNRASTETYSTPALLAPSESNATSTANFPNI PVASTSQPASILGGSHSEGLLQI
Purification Method	Affinity purified using the PrEST antigen as affinity ligand
Verified Species Reactivity	Human, Mouse
Recommended Applications	IHC (Immunohistochemistry) - Antibody dilution: 1:50 - 1:200 - Retrieval method: HIER pH6 WB (Western Blot) - Working concentration: 0.04-0.4 µg/ml ICC-IF (Immunofluorescence) - Fixation/Permeabilization: PFA/Triton X-100 - Working concentration: 0.25-2 µg/ml ChIP* (Chromatin Immunoprecipitation) - Working concentration: 1-10µg per reaction * Please note not all antibody batches are validated for use in ChIP applications.
Characterization Data	Available at atlasantibodies.com/products/HPA019154
Buffer	40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative.
Concentration	Lot dependent
Storage	Store at +4°C for short term storage. Long time storage is recommended at -20°C.
Notes	Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

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