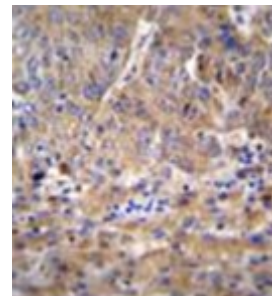


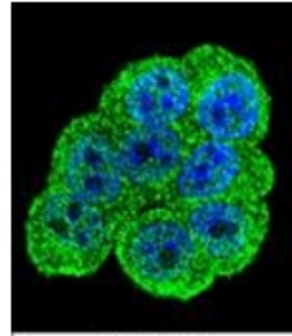
**AP51229PU-N****Polyclonal Antibody to DEF (N-term) - Aff - Purified**

<b>Alternate names:</b>	C1orf107, Digestive organ expansion factor homolog
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	Regulates the p53 pathway to control the expansion growth of digestive organs (By similarity).
<b>Uniprot ID:</b>	<a href="#">Q68CQ4</a>
<b>NCBI:</b>	<a href="#">NP_055203</a>
<b>GeneID:</b>	<a href="#">27042</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	KLH conjugated synthetic peptide between 9-38 amino acids from the N-terminal region of human DEF
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Affinity Chromatography on Protein A <b>Buffer System:</b> PBS <b>Preservatives:</b> 0.09% Sodium Azide
<b>Applications:</b>	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Immunofluorescence:</b> 1/10-1/50. <b>Immunohistochemistry on Paraffin Sections:</b> 1/10-1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognizes Human, Mouse, and Hamster DEF (N-term)
<b>Add. Information:</b>	<b>Molecular Weight:</b> 87055 Da
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Birnbaum, S., et al. Nat. Genet. 41(4):473-477 (2009). Chen, J., et al. Genes Dev. 19(23):2900-2911 (2005).
<b>Pictures:</b>	Formalin fixed and paraffin embedded human hepatocarcinoma reacted with DEF Antibody (N-term) Cat.-No AP51229PU-N followed by peroxidase conjugation of the secondary antibody and DAB staining

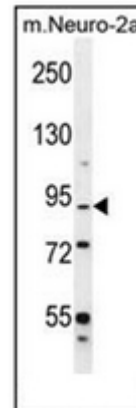


Confocal immunofluorescent analysis of DEF Antibody (N-term)

Cat.-No AP51229PU-N with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Western blot analysis of DEF Antibody (N-term) Cat.-No AP51229PU-N in mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the DEF antibody detected the DEF protein (arrow).



Western blot analysis of DEF Antibody (N-term) Cat.-No AP51229PU-N in CHO cell line lysates (35ug/lane). This demonstrates the DEF antibody detected the DEF protein (arrow).

