

Product datasheet for **AP01141PU-S**

CXCL14 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	Indirect ELISA: To detect hBRAK (using 100 µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. In conjunction with compatible secondary reagents, it allows the detection of at least 0.2-0.4 ng/well of recombinant hBRAK. Sandwich ELISA: To detect hBRAK by Sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. In conjunction with Biotinylated Anti-Human BRAK (Cat.-No AP01141BT) as a detection antibody, it allows the detection of at least 0.2-0.4 ng/well of recombinant hBRAK. Western blot: To detect hBRAK this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hBRAK is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions. Immunohistochemistry on Formalin-Fixed, Paraffin-Embedded Sections: 0.25 µg/ml with an overnight incubation at 4 °C (See Figures 1, 2 and 3). An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended. <i>Recommended Positive Control:</i> Human breast invasive ductal carcinoma. <i>Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute.</i>
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (> 98%) E.coli derived recombinant Human BRAK
Specificity:	This antibody detects BRAK.
Formulation:	PBS, pH 7.2 State: Aff - Purified State: Sterile filtered lyophilized Ig fraction
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Immunoaffinity Chromatography using an immobilized Human BRAK matrix
Conjugation:	Unconjugated



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Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-X-C motif chemokine ligand 14
Database Link:	Entrez Gene 9547 Human O95715
Background:	BRAK/CXCL14 is a CXC chemokine constitutively expressed at the mRNA level in certain normal tissues but absent from many established tumor cell lines and human cancers. Although multiple investigators have cloned BRAK, little is known regarding the physiologic function of BRAK or the reason for decreased expression in cancer.
Synonyms:	NJAC, SCYB14
Note:	Centrifuge vial prior to opening.

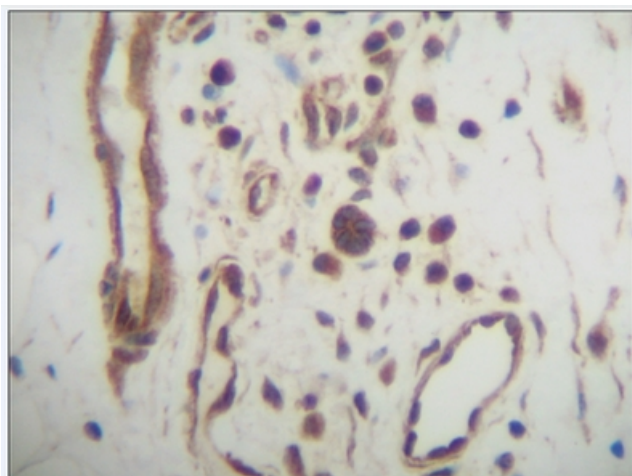
Product images:

Figure 1. Formalin-Fixed, Paraffin-Embedded Sections of Human breast invasive ductal carcinoma stained with BRAK antibody Cat.-No AP01141PU at 0.25 µg/ml

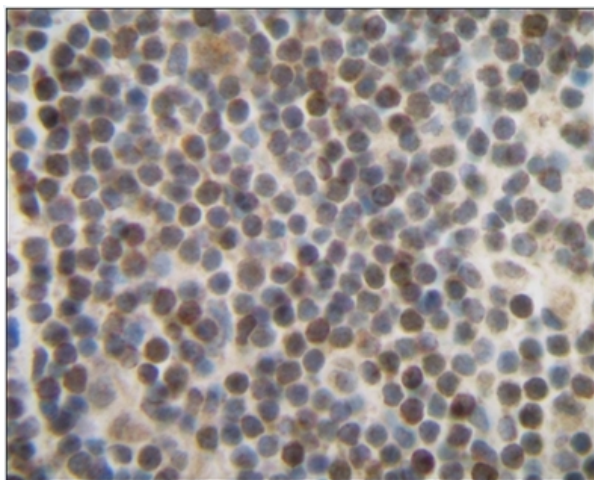


Figure 2. Formalin-Fixed, Paraffin-Embedded Sections of Human breast invasive ductal carcinoma stained with BRAK antibody Cat.-No AP01141PU at 0.25 ug/ml.

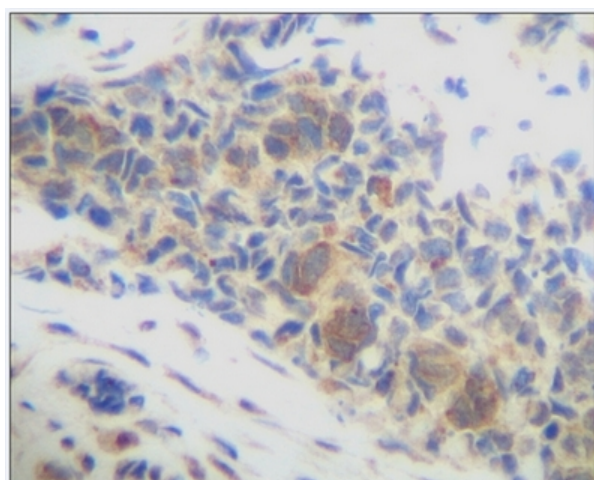


Figure 3. Formalin-Fixed, Paraffin-Embedded Sections of Human breast invasive ductal carcinoma stained with BRAK antibody Cat.-No AP01141PU at 0.25 ug/ml.