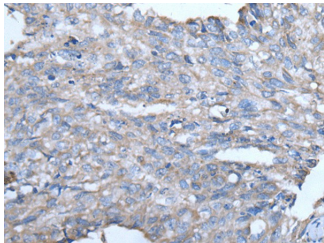
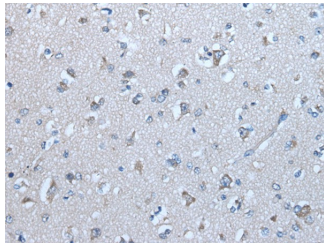


## GJA1 Polyclonal Antibody

**catalog number:** E-AB-18224

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

Description	
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Fusion protein of human GJA1
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	Recommended Dilution
IHC	1:30-1:150

Data	
	
Immunohistochemistry of paraffin-embedded Human lung cancer tissue using GJA1 Polyclonal Antibody at dilution of 1:50(×200)	Immunohistochemistry of paraffin-embedded Human brain tissue using GJA1 Polyclonal Antibody at dilution of 1:50(×200)

Preparation & Storage	
<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background	
<p>This gene is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. The encoded protein is the major protein of gap junctions in the heart that are thought to have a crucial role in the synchronized contraction of the heart and in embryonic development. A related intronless pseudogene has been mapped to chromosome 5. Mutations in this gene have been associated with oculodentodigital dysplasia, autosomal recessive craniometaphyseal dysplasia and heart malformations.</p>	