

ANATOMY MUG



1. The brain is the central organ of the nervous system. It is located in the head and is protected by the skull. The brain is divided into three main parts: the cerebrum, the cerebellum, and the brainstem. The cerebrum is the largest part of the brain and is responsible for most of the higher functions of the brain, such as thought, memory, and emotion. The cerebellum is located at the back and bottom of the brain and is responsible for coordination and balance. The brainstem is located at the base of the brain and is responsible for basic functions such as breathing and heart rate.

2. The heart is the organ that pumps blood throughout the body. It is located in the chest and is made up of four chambers: the right atrium, the right ventricle, the left atrium, and the left ventricle. The right side of the heart pumps blood to the lungs, where it picks up oxygen. The left side of the heart pumps oxygenated blood to the rest of the body. The heart is surrounded by a protective sac called the pericardium.

3. The lungs are the organs that take in oxygen and expel carbon dioxide. They are located in the chest and are made up of two lobes, one on each side. The lungs are covered in a protective membrane called the pleura. The airways that lead to the lungs are called the bronchi. The lungs are connected to the rest of the body by a network of blood vessels called the pulmonary circulation.